

GenCore version 5.1.8
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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:25:01 ; Search time 240.852 Seconds
(without alignments)
653.024 Million cell updates/sec

Title: US-10-657-103-3
Perfect score: 1806
Sequence: 1 MKTIQPKMHNSISWAIFTGL.....RRAGCVWLLPLLVLHLLLKPF 344

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 2589679 seqs, 457216429 residues

Total number of hits satisfying chosen parameters: 2589679

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : A Geneseq 8:*

- 1: geneseqp1980s:*
- 2: geneseqp1990s:*
- 3: geneseqp2000s:*
- 4: geneseqp2001s:*
- 5: geneseqp2002s:*
- 6: geneseqp2003as:*
- 7: geneseqp2003bs:*
- 8: geneseqp2004s:*
- 9: geneseqp2005s:*
- 10: geneseqp2006s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES						
Result No.	Score	% Query		Length	DB ID	Description
		Match	Length			
1	1806	100.0	344	3	AAY57601	Aay57601 Human pro
2	1806	100.0	344	3	AAB44329	Aab44329 Human PRO
3	1806	100.0	344	4	AAB31204	Aab31204 Amino aci
4	1806	100.0	344	4	AAU12359	Aau12359 Human PRO
5	1806	100.0	344	5	AAU83654	Aau83654 Human PRO
6	1806	100.0	344	5	ABB84844	Abb84844 Human PRO
7	1806	100.0	344	5	ABB95450	Abb95450 Human ang
8	1806	100.0	344	5	ADY31866	Ady31866 Novel hum
9	1806	100.0	344	6	ABO17803	Abo17803 Novel hum
10	1806	100.0	344	6	ABU80801	Abu80801 Human PRO
11	1806	100.0	344	6	ABO25175	Abo25175 Novel hum
12	1806	100.0	344	6	ABO25275	Abo25275 Novel hum
13	1806	100.0	344	6	ABO33767	Abo33767 Novel hum
14	1806	100.0	344	6	ABU81057	Abu81057 Human PRO
15	1806	100.0	344	6	ABU72281	Abu72281 Novel hum
16	1806	100.0	344	6	ABU66757	Abu66757 Human PRO
17	1806	100.0	344	6	ABU67293	Abu67293 Novel hum
18	1806	100.0	344	6	ABU84961	Abu84961 Human sec
19	1806	100.0	344	6	ABU59838	Abu59838 Novel sec
20	1806	100.0	344	6	ABU61159	Abu61159 Human PRO
21	1806	100.0	344	6	ABO25028	Abo25028 Human sec
22	1806	100.0	344	6	ABU72061	Abu72061 Novel hum
23	1806	100.0	344	6	ABU67162	Abu67162 Novel hum
24	1806	100.0	344	6	ABU80428	Abu80428 Human sec
25	1806	100.0	344	6	ABU82110	Abu82110 Novel hum
26	1806	100.0	344	6	ABU67033	Abu67033 Human sec
27	1806	100.0	344	6	ABU79804	Abu79804 Human sec
28	1806	100.0	344	6	ADA45895	Ada45895 Novel hum
29	1806	100.0	344	6	ADA76326	Ada76326 Human PRO
30	1806	100.0	344	6	ABJ72290	Abj72290 Human PRO
31	1806	100.0	344	6	ADA18976	Ada18976 Human PRO
32	1806	100.0	344	6	ADA61599	Ada61599 Homo sapi

33	1806	100.0	344	6	ADB19384	Adb19384	Novel	hum
34	1806	100.0	344	6	ADB27925	Adb27925	Human	PRO
35	1806	100.0	344	6	ADA86404	Ada86404	Novel	hum
36	1806	100.0	344	6	ADB15968	Adb15968	Human	PRO
37	1806	100.0	344	6	ADA47754	Ada47754	Human	PRO
38	1806	100.0	344	6	ADA67549	Ada67549	Human	PRO
39	1806	100.0	344	6	ADB30556	Adb30556	Human	PRO
40	1806	100.0	344	6	ADA85852	Ada85852	Novel	hum
41	1806	100.0	344	6	ADA97064	Ada97064	Human	PRO
42	1806	100.0	344	6	ADA79368	Ada79368	Human	PRO
43	1806	100.0	344	6	ADA87507	Ada87507	Novel	hum
44	1806	100.0	344	6	ADB16709	Adb16709	Human	PRO
45	1806	100.0	344	6	ADA91801	Ada91801	Novel	hum
46	1806	100.0	344	6	ADB14864	Adb14864	Human	PRO
47	1806	100.0	344	6	ADA25062	Ada25062	Novel	hum
48	1806	100.0	344	6	ADA47276	Ada47276	Human	sec
49	1806	100.0	344	6	ADB18825	Adb18825	Novel	hum
50	1806	100.0	344	6	ADA94040	Ada94040	Human	PRO
51	1806	100.0	344	6	ADB19936	Adb19936	Novel	hum
52	1806	100.0	344	6	ADB13248	Adb13248	Human	PRO
53	1806	100.0	344	6	ABO43336	Abo43336	Novel	hum
54	1806	100.0	344	6	ABO19730	Abo19730	Novel	hum
55	1806	100.0	344	6	ADA12723	Ada12723	Human	sec
56	1806	100.0	344	6	ADA74502	Ada74502	Human	PRO
57	1806	100.0	344	6	ADB24735	Adb24735	Human	PRO
58	1806	100.0	344	6	ADA82259	Ada82259	Human	PRO
59	1806	100.0	344	6	ADA75222	Ada75222	Human	PRO
60	1806	100.0	344	6	ADA85300	Ada85300	Novel	hum
61	1806	100.0	344	6	ADA84748	Ada84748	Novel	hum
62	1806	100.0	344	6	ADB30004	Adb30004	Human	PRO
63	1806	100.0	344	6	ADA80532	Ada80532	Human	PRO
64	1806	100.0	344	6	ADA75774	Ada75774	Human	PRO
65	1806	100.0	344	6	ADA46999	Ada46999	Human	PRO
66	1806	100.0	344	6	ADB25295	Adb25295	Human	PRO
67	1806	100.0	344	6	ADA93471	Ada93471	Human	PRO
68	1806	100.0	344	6	ADB26821	Adb26821	Human	PRO
69	1806	100.0	344	6	ADB31108	Adb31108	Human	PRO
70	1806	100.0	344	6	ABJ72418	Abj72418	Human	PRO
71	1806	100.0	344	6	ADA61036	Ada61036	Homo sapi	
72	1806	100.0	344	6	ADB24183	Adb24183	Human	PRO
73	1806	100.0	344	6	ADA96512	Ada96512	Human	PRO
74	1806	100.0	344	6	ADA81084	Ada81084	Human	PRO
75	1806	100.0	344	6	ADA95960	Ada95960	Human	PRO
76	1806	100.0	344	6	ADB26269	Adb26269	Human	PRO
77	1806	100.0	344	6	ADB21754	Adb21754	Novel	hum
78	1806	100.0	344	6	ABO34313	Abo34313	Human	sec
79	1806	100.0	344	6	ABO19621	Abo19621	Novel	hum
80	1806	100.0	344	7	ADA77533	Ada77533	Human	PRO
81	1806	100.0	344	7	ADB18273	Adb18273	Human	PRO
82	1806	100.0	344	7	ADA86956	Ada86956	Novel	hum
83	1806	100.0	344	7	ADA88059	Ada88059	Novel	hum
84	1806	100.0	344	7	ADA46447	Ada46447	Novel	hum
85	1806	100.0	344	7	ADB28477	Adb28477	Human	PRO
86	1806	100.0	344	7	ADB29029	Adb29029	Human	PRO
87	1806	100.0	344	7	ADA76981	Ada76981	Human	PRO
88	1806	100.0	344	7	ADA88611	Ada88611	Novel	hum
89	1806	100.0	344	7	ADA97616	Ada97616	Human	PRO
90	1806	100.0	344	7	ADB27373	Adb27373	Human	PRO
91	1806	100.0	344	7	ADB22306	Adb22306	Novel	hum
92	1806	100.0	344	7	ABO19862	Abo19862	Human	sec
93	1806	100.0	344	7	ABJ72120	Abj72120	Human	mem
94	1806	100.0	344	7	ADA66997	Ada66997	Human	PRO
95	1806	100.0	344	7	ADB22858	Adb22858	Human	PRO
96	1806	100.0	344	7	ADB23631	Adb23631	Human	PRO
97	1806	100.0	344	7	ADA92353	Ada92353	Novel	hum
98	1806	100.0	344	7	ADB15416	Adb15416	Human	PRO
99	1806	100.0	344	7	ADB83616	Adb83616	Novel	hum
100	1806	100.0	344	7	ADB80722	Adb80722	Novel	hum
101	1806	100.0	344	7	ADB73263	Adb73263	Novel	hum
102	1806	100.0	344	7	ADB38668	Adb38668	Novel	hum
103	1806	100.0	344	7	ADB78345	Adb78345	Novel	hum
104	1806	100.0	344	7	ADB38116	Adb38116	Novel	hum
105	1806	100.0	344	7	ADB66588	Adb66588	Novel	hum
106	1806	100.0	344	7	ADB84993	Adb84993	Human	PRO
107	1806	100.0	344	7	ADB89668	Adb89668	Human	PRO
108	1806	100.0	344	7	ADB90400	Adb90400	Human	PRO
109	1806	100.0	344	7	ADB39501	Adb39501	Novel	hum
110	1806	100.0	344	7	ADB78099	Adb78099	Novel	hum
111	1806	100.0	344	7	ADB74029	Adb74029	Human	PRO
112	1806	100.0	344	7	ADB87165	Adb87165	Human	PRO
113	1806	100.0	344	7	ADB84747	Adb84747	Human	PRO

114	1806	100.0	344	7	ADB47124	Adb47124	Novel	hum
115	1806	100.0	344	7	ADB83862	Adb83862	Novel	hum
116	1806	100.0	344	7	ADB86731	Adb86731	Human	PRO
117	1806	100.0	344	7	ADB73017	Adb73017	Novel	hum
118	1806	100.0	344	7	ADB76745	Adb76745	Human	PRO
119	1806	100.0	344	7	ADB77336	Adb77336	Novel	hum
120	1806	100.0	344	7	ADB34493	Adb34493	Human	PRO
121	1806	100.0	344	7	ADB35597	Adb35597	Human	PRO
122	1806	100.0	344	7	ADB33941	Adb33941	Human	PRO
123	1806	100.0	344	7	ADB35045	Adb35045	Human	PRO
124	1806	100.0	344	7	ADB36149	Adb36149	Human	PRO
125	1806	100.0	344	7	ADB46544	Adb46544	Novel	hum
126	1806	100.0	344	7	ADC44171	Adc44171	Human	sec
127	1806	100.0	344	7	ADC61931	Adc61931	Human	sec
128	1806	100.0	344	7	ADC63895	Adc63895	Human	sec
129	1806	100.0	344	7	ADC66995	Adc66995	Human	sec
130	1806	100.0	344	7	ADC69119	Adc69119	Human	sec
131	1806	100.0	344	7	ADC63179	Adc63179	Human	sec
132	1806	100.0	344	7	ADC68244	Adc68244	Human	sec
133	1806	100.0	344	7	ADC41564	Adc41564	Human	sec
134	1806	100.0	344	7	ADC67619	Adc67619	Human	sec
135	1806	100.0	344	7	ADC62555	Adc62555	Human	sec
136	1806	100.0	344	7	ADC36855	Adc36855	Human	PRO
137	1806	100.0	344	7	ADC42188	Adc42188	Human	sec
138	1806	100.0	344	7	ADC21845	Adc21845	Human	PRO
139	1806	100.0	344	7	ADC50417	Adc50417	Novel	hum
140	1806	100.0	344	7	ADC71964	Adc71964	Novel	hum
141	1806	100.0	344	7	ADC59943	Adc59943	Novel	hum
142	1806	100.0	344	7	ADC49876	Adc49876	Novel	hum
143	1806	100.0	344	7	ADC49075	Adc49075	Novel	hum
144	1806	100.0	344	7	ADC49592	Adc49592	Novel	hum
145	1806	100.0	344	7	ADC47453	Adc47453	Novel	hum
146	1806	100.0	344	7	ADC52950	Adc52950	Novel	hum
147	1806	100.0	344	7	ADC57304	Adc57304	Novel	hum
148	1806	100.0	344	7	ADC60495	Adc60495	Novel	hum
149	1806	100.0	344	7	ADC50970	Adc50970	Novel	hum
150	1806	100.0	344	7	ADC65497	Adc65497	Human	PRO
151	1806	100.0	344	7	ADC54595	Adc54595	Novel	hum
152	1806	100.0	344	7	ADC53556	Adc53556	Novel	hum
153	1806	100.0	344	7	ADC59079	Adc59079	Novel	hum
154	1806	100.0	344	7	ADC55957	Adc55957	Novel	hum
155	1806	100.0	344	7	ADC58527	Adc58527	Novel	hum
156	1806	100.0	344	7	ADC47198	Adc47198	Novel	hum
157	1806	100.0	344	7	ADD03201	Add03201	Novel	hum
158	1806	100.0	344	7	ADC90193	Adc90193	Novel	hum
159	1806	100.0	344	7	ADC69612	Adc69612	Human	PRO
160	1806	100.0	344	7	ADC48501	Adc48501	Human	PRO
161	1806	100.0	344	7	ADD10030	Add10030	Human	PRO
162	1806	100.0	344	7	ADC78073	Adc78073	Novel	hum
163	1806	100.0	344	7	ADD04605	Add04605	Novel	hum
164	1806	100.0	344	7	ADD06308	Add06308	Novel	hum
165	1806	100.0	344	7	ADC80561	Adc80561	Novel	hum
166	1806	100.0	344	7	ADD11068	Add11068	Human	PRO
167	1806	100.0	344	7	ADD10345	Add10345	Human	sec
168	1806	100.0	344	7	ADC47949	Adc47949	Human	PRO
169	1806	100.0	344	7	ADC77827	Adc77827	Novel	hum
170	1806	100.0	344	7	ADC80009	Adc80009	Novel	hum
171	1806	100.0	344	7	ADD11305	Add11305	Human	sec
172	1806	100.0	344	7	ADD09478	Add09478	Human	PRO
173	1806	100.0	344	7	ADD50790	Add50790	Novel	hum
174	1806	100.0	344	7	ADD41191	Add41191	Novel	hum
175	1806	100.0	344	7	ADD52330	Add52330	Human	PRO
176	1806	100.0	344	7	ADD51036	Add51036	Novel	hum
177	1806	100.0	344	7	ADD53070	Add53070	Human	PRO
178	1806	100.0	344	7	ADD53622	Add53622	Novel	hum
179	1806	100.0	344	7	ADD37098	Add37098	Human	sec
180	1806	100.0	344	7	ADD51778	Add51778	Human	PRO
181	1806	100.0	344	7	ADD02577	Add02577	Human	PRO
182	1806	100.0	344	7	ADD50517	Add50517	Human	PRO
183	1806	100.0	344	7	ADD02011	Add02011	Human	PRO
184	1806	100.0	344	7	ADD54193	Add54193	Novel	hum
185	1806	100.0	344	7	ADD50271	Add50271	Human	PRO
186	1806	100.0	344	7	ADD51282	Add51282	Novel	hum
187	1806	100.0	344	7	ADE49557	Ade49557	Human	sec
188	1806	100.0	344	7	ADD92510	Add92510	Human	PRO
189	1806	100.0	344	7	ADD91406	Add91406	Human	PRO
190	1806	100.0	344	7	ADE04020	Ade04020	Human	PRO
191	1806	100.0	344	7	ADE32317	Ade32317	Novel	hum
192	1806	100.0	344	7	ADE22249	Ade22249	Human	PRO
193	1806	100.0	344	7	ADD79473	Add79473	Human	PRO
194	1806	100.0	344	7	ADE35611	Ade35611	Human	sec

195	1806	100.0	344	7	ADE16725	Ade16725	Human	sec
196	1806	100.0	344	7	ADD73340	Add73340	Human	sec
197	1806	100.0	344	7	ADE42009	Ade42009	Human	PRO
198	1806	100.0	344	7	ADE17826	Ade17826	Human	PRO
199	1806	100.0	344	7	ADD91958	Add91958	Human	PRO
200	1806	100.0	344	7	ADE33421	Ade33421	Novel	hum
201	1806	100.0	344	7	ADE33973	Ade33973	Novel	hum
202	1806	100.0	344	7	ADD80025	Add80025	Human	PRO
203	1806	100.0	344	7	ADD93062	Add93062	Human	PRO
204	1806	100.0	344	7	ADD72698	Add72698	Human	sec
205	1806	100.0	344	7	ADE19482	Ade19482	Human	PRO
206	1806	100.0	344	7	ADE18930	Ade18930	Human	PRO
207	1806	100.0	344	7	ADE43126	Ade43126	Human	PRO
208	1806	100.0	344	7	ADD95915	Add95915	Human	PRO
209	1806	100.0	344	7	ADE22801	Ade22801	Human	PRO
210	1806	100.0	344	7	ADD78919	Add78919	Human	PRO
211	1806	100.0	344	7	ADE32869	Ade32869	Novel	hum
212	1806	100.0	344	7	ADE42561	Ade42561	Human	PRO
213	1806	100.0	344	7	ADE17349	Ade17349	Human	sec
214	1806	100.0	344	7	ADD80577	Add80577	Human	PRO
215	1806	100.0	344	7	ADD89605	Add89605	Human	PRO
216	1806	100.0	344	7	ADE40889	Ade40889	Human	PRO
217	1806	100.0	344	7	ADE04688	Ade04688	Human	PRO
218	1806	100.0	344	7	ADE92817	Ade92817	Human	PRO
219	1806	100.0	344	7	ADF47363	Adf47363	Human	sec
220	1806	100.0	344	7	ADG21526	Adg21526	Novel	hum
221	1806	100.0	344	7	ADG23167	Adg23167	Novel	hum
222	1806	100.0	344	7	ADF97502	Adf97502	Human	PRO
223	1806	100.0	344	7	ADG80566	Adg80566	Human	PRO
224	1806	100.0	344	7	ADG53120	Adg53120	Human	sec
225	1806	100.0	344	7	ADG60440	Adg60440	Human	sec
226	1806	100.0	344	7	ADG80014	Adg80014	Human	PRO
227	1806	100.0	344	7	ADG63785	Adg63785	Human	sec
228	1806	100.0	344	7	ADH55306	Adh55306	Novel	hum
229	1806	100.0	344	7	ADH55858	Adh55858	Novel	hum
230	1806	100.0	344	7	ADI61200	Adi61200	Human	sec
231	1806	100.0	344	7	ADI64077	Adi64077	Novel	hum
232	1806	100.0	344	7	ADI65026	Adi65026	Novel	hum
233	1806	100.0	344	7	ADI63525	Adi63525	Novel	hum
234	1806	100.0	344	7	ADH81939	Adh81939	Novel	hum
235	1806	100.0	344	7	ADH81387	Adh81387	Novel	hum
236	1806	100.0	344	7	ADM82556	Adm82556	Novel	hum
237	1806	100.0	344	7	ADN15955	Adn15955	Novel	hum
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241	1806	100.0	344	8	ADC48829	Adc48829	Novel	hum
242	1806	100.0	344	8	ADC81113	Adc81113	Novel	hum
243	1806	100.0	344	8	ADE21000	Ade21000	Novel	hum
244	1806	100.0	344	8	ADE05844	Ade05844	Human	PRO
245	1806	100.0	344	8	ADD76561	Add76561	Human	PRO
246	1806	100.0	344	8	ADD75073	Add75073	Human	PRO
247	1806	100.0	344	8	ADD75819	Add75819	Novel	hum
248	1806	100.0	344	8	ADD85051	Add85051	Novel	hum
249	1806	100.0	344	8	ADD86877	Add86877	Novel	hum
250	1806	100.0	344	8	ADE20754	Ade20754	Novel	hum
251	1806	100.0	344	8	ADE39051	Ade39051	Novel	hum
252	1806	100.0	344	8	ADD87925	Add87925	Human	PRO
253	1806	100.0	344	8	ADD86329	Add86329	Human	PRO
254	1806	100.0	344	8	ADE05598	Ade05598	Human	PRO
255	1806	100.0	344	8	ADD73583	Add73583	Human	PRO
256	1806	100.0	344	8	ADE75777	Ade75777	Human	PRO
257	1806	100.0	344	8	ADE48857	Ade48857	Human	sec
258	1806	100.0	344	8	ADD78423	Add78423	Novel	hum
259	1806	100.0	344	8	ADE41306	Ade41306	Human	sec
260	1806	100.0	344	8	ADE23353	Ade23353	Human	PRO
261	1806	100.0	344	8	ADE21246	Ade21246	Novel	hum
262	1806	100.0	344	8	ADD77361	Add77361	Novel	hum
263	1806	100.0	344	8	ADE20508	Ade20508	Novel	hum
264	1806	100.0	344	8	ADD75573	Add75573	Human	PRO
265	1806	100.0	344	8	ADD74089	Add74089	Human	PRO
266	1806	100.0	344	8	ADD74335	Add74335	Human	PRO
267	1806	100.0	344	8	ADD76065	Add76065	Novel	hum
268	1806	100.0	344	8	ADD85557	Add85557	Novel	hum
269	1806	100.0	344	8	ADE23905	Ade23905	Human	PRO
270	1806	100.0	344	8	ADE24548	Ade24548	Human	PRO
271	1806	100.0	344	8	ADD87373	Add87373	Human	PRO
272	1806	100.0	344	8	ADE05106	Ade05106	Human	PRO
273	1806	100.0	344	8	ADD75319	Add75319	Human	PRO
274	1806	100.0	344	8	ADD76863	Add76863	Novel	hum
275	1806	100.0	344	8	ADD86631	Add86631	Novel	hum

276	1806	100.0	344	8	ADE89239	Ade89239	Human	PRO
277	1806	100.0	344	8	ADE41199	Ade41199	Human	sec
278	1806	100.0	344	8	ADD78099	Add78099	Novel	hum
279	1806	100.0	344	8	ADE18378	Ade18378	Human	PRO
280	1806	100.0	344	8	ADE88687	Ade88687	Human	PRO
281	1806	100.0	344	8	ADE89958	Ade89958	Human	sec
282	1806	100.0	344	8	ADD77607	Add77607	Novel	hum
283	1806	100.0	344	8	ADD77853	Add77853	Novel	hum
284	1806	100.0	344	8	ADD85311	Add85311	Novel	hum
285	1806	100.0	344	8	ADD73843	Add73843	Human	PRO
286	1806	100.0	344	8	ADD74581	Add74581	Human	PRO
287	1806	100.0	344	8	ADD77109	Add77109	Novel	hum
288	1806	100.0	344	8	ADD85803	Add85803	Novel	hum
289	1806	100.0	344	8	ADE05352	Ade05352	Human	PRO
290	1806	100.0	344	8	ADD74827	Add74827	Human	PRO
291	1806	100.0	344	8	ADF61598	Adf61598	Human	sec
292	1806	100.0	344	8	ADF40290	Adf40290	Human	sec
293	1806	100.0	344	8	ADF46086	Adf46086	Human	sec
294	1806	100.0	344	8	ADE94707	Ade94707	Human	PRO
295	1806	100.0	344	8	ADE91118	Ade91118	Human	PRO
296	1806	100.0	344	8	ADE95259	Ade95259	Human	PRO
297	1806	100.0	344	8	ADE93369	Ade93369	Human	PRO
298	1806	100.0	344	8	ADF24482	Adf24482	Human	sec
299	1806	100.0	344	8	ADF40914	Adf40914	Human	sec
300	1806	100.0	344	8	ADF23858	Adf23858	Human	sec
301	1806	100.0	344	8	ADF33841	Adf33841	Human	sec
302	1806	100.0	344	8	ADF34950	Adf34950	Human	PRO
303	1806	100.0	344	8	ADF27308	Adf27308	Human	sec
304	1806	100.0	344	8	ADF27944	Adf27944	Human	sec
305	1806	100.0	344	8	ADE92265	Ade92265	Novel	hum
306	1806	100.0	344	8	ADE90566	Ade90566	Human	PRO
307	1806	100.0	344	8	ADF41538	Adf41538	Human	sec
308	1806	100.0	344	8	ADF33217	Adf33217	Human	sec
309	1806	100.0	344	8	ADF25583	Adf25583	Human	sec
310	1806	100.0	344	8	ADF26684	Adf26684	Human	sec
311	1806	100.0	344	8	ADF34473	Adf34473	Human	sec
312	1806	100.0	344	8	ADF46710	Adf46710	Human	sec
313	1806	100.0	344	8	ADE91713	Ade91713	Novel	hum
314	1806	100.0	344	8	ADG05639	Adg05639	Novel	hum
315	1806	100.0	344	8	ADG27193	Adg27193	Human	PRO
316	1806	100.0	344	8	ADG02292	Adg02292	Human	PRO
317	1806	100.0	344	8	ADG22078	Adg22078	Novel	hum
318	1806	100.0	344	8	ADG20148	Adg20148	Human	PRO
319	1806	100.0	344	8	ADF98054	Adf98054	Human	PRO
320	1806	100.0	344	8	ADG24271	Adg24271	Novel	hum
321	1806	100.0	344	8	ADF98625	Adf98625	Human	PRO
322	1806	100.0	344	8	ADG03456	Adg03456	Human	PRO
323	1806	100.0	344	8	ADF99177	Adf99177	Human	PRO
324	1806	100.0	344	8	ADG16762	Adg16762	Human	PRO
325	1806	100.0	344	8	ADG05221	Adg05221	Human	PRO
326	1806	100.0	344	8	ADG19488	Adg19488	Human	PRO
327	1806	100.0	344	8	ADG11256	Adg11256	Novel	hum
328	1806	100.0	344	8	ADG13325	Adg13325	Human	PRO
329	1806	100.0	344	8	ADG08382	Adg08382	Novel	hum
330	1806	100.0	344	8	ADG15552	Adg15552	Human	PRO
331	1806	100.0	344	8	ADG12035	Adg12035	Novel	hum
332	1806	100.0	344	8	ADF96950	Adf96950	Human	PRO
333	1806	100.0	344	8	ADG06135	Adg06135	Human	PRO
334	1806	100.0	344	8	ADG23719	Adg23719	Novel	hum
335	1806	100.0	344	8	ADG04008	Adg04008	Human	PRO
336	1806	100.0	344	8	ADG24909	Adg24909	Novel	hum
337	1806	100.0	344	8	ADF94592	Adf94592	Novel	hum
338	1806	100.0	344	8	ADG07206	Adg07206	Novel	hum
339	1806	100.0	344	8	ADG07758	Adg07758	Novel	hum
340	1806	100.0	344	8	ADG06688	Adg06688	Human	PRO
341	1806	100.0	344	8	ADG55253	Adg55253	Novel	hum
342	1806	100.0	344	8	ADG60917	Adg60917	Novel	hum
343	1806	100.0	344	8	ADG62021	Adg62021	Novel	hum
344	1806	100.0	344	8	ADG82222	Adg82222	Human	PRO
345	1806	100.0	344	8	ADG57461	Adg57461	Novel	hum
346	1806	100.0	344	8	ADG56909	Adg56909	Novel	hum
347	1806	100.0	344	8	ADG55805	Adg55805	Novel	hum
348	1806	100.0	344	8	ADG58565	Adg58565	Novel	hum
349	1806	100.0	344	8	ADG70931	Adg70931	Novel	hum
350	1806	100.0	344	8	ADH39032	Adh39032	Novel	hum
351	1806	100.0	344	8	ADG58013	Adg58013	Novel	hum
352	1806	100.0	344	8	ADG53597	Adg53597	Novel	hum
353	1806	100.0	344	8	ADG71483	Adg71483	Novel	hum
354	1806	100.0	344	8	ADG50696	Adg50696	Human	sec
355	1806	100.0	344	8	ADG81670	Adg81670	Human	PRO
356	1806	100.0	344	8	ADH30632	Adh30632	Human	PRO

357	1806	100.0	344	8	ADG63634	Adg63634	Human	sec
358	1806	100.0	344	8	ADH11999	Adh11999	Novel	hum
359	1806	100.0	344	8	ADG50072	Adg50072	Human	sec
360	1806	100.0	344	8	ADG51944	Adg51944	Human	sec
361	1806	100.0	344	8	ADG52421	Adg52421	Novel	hum
362	1806	100.0	344	8	ADG54149	Adg54149	Novel	hum
363	1806	100.0	344	8	ADG49448	Adg49448	Human	sec
364	1806	100.0	344	8	ADG81118	Adg81118	Human	PRO
365	1806	100.0	344	8	ADG56357	Adg56357	Novel	hum
366	1806	100.0	344	8	ADH12623	Adh12623	Novel	hum
367	1806	100.0	344	8	ADG48824	Adg48824	Human	sec
368	1806	100.0	344	8	ADG61469	Adg61469	Novel	hum
369	1806	100.0	344	8	ADH28556	Adh28556	Human	PRO
370	1806	100.0	344	8	ADG54701	Adg54701	Novel	hum
371	1806	100.0	344	8	ADG59741	Adg59741	Novel	hum
372	1806	100.0	344	8	ADG51320	Adg51320	Human	sec
373	1806	100.0	344	8	ADH43489	Adh43489	Human	PRO
374	1806	100.0	344	8	ADG59264	Adg59264	Human	sec
375	1806	100.0	344	8	ADG34122	Adg34122	Novel	hum
376	1806	100.0	344	8	ADG62720	Adg62720	Human	sec
377	1806	100.0	344	8	ADI81165	Adi81165	Human	PRO
378	1806	100.0	344	8	ADI33592	Adi33592	Human	PRO
379	1806	100.0	344	8	ADH69686	Adh69686	Human	PRO
380	1806	100.0	344	8	ADH25745	Adh25745	Human	PRO
381	1806	100.0	344	8	ADG09908	Adg09908	Novel	hum
382	1806	100.0	344	8	ADI15379	Adi15379	Novel	hum
383	1806	100.0	344	8	ADG09256	Adg09256	Novel	hum
384	1806	100.0	344	8	ADI14711	Adi14711	Novel	hum
385	1806	100.0	344	8	ADI29847	Adi29847	Novel	hum
386	1806	100.0	344	8	ADI18306	Adi18306	Novel	hum
387	1806	100.0	344	8	ADM27244	Adm27244	Novel	hum
388	1806	100.0	344	8	ADJ63587	Adj63587	Novel	hum
389	1806	100.0	344	8	ADJ77482	Adj77482	Human	PRO
390	1806	100.0	344	8	ADK82834	Adk82834	Human	PRO
391	1806	100.0	344	8	ADK66602	Adk66602	Human	PRO
392	1806	100.0	344	8	ADJ65604	Adj65604	Human	PRO
393	1806	100.0	344	8	ADM27740	Adm27740	Human	PRO
394	1806	100.0	344	8	ADM17522	Adm17522	Human	sec
395	1806	100.0	344	8	ADL07356	Adl07356	Human	sec
396	1806	100.0	344	8	ADM42464	Adm42464	Human	PRO
397	1806	100.0	344	8	ADM28326	Adm28326	Human	PRO
398	1806	100.0	344	8	ADI95808	Adi95808	Human	PRO
399	1806	100.0	344	8	ADI96360	Adi96360	Novel	hum
400	1806	100.0	344	8	ADS32312	Ads32312	Novel	hum
401	1806	100.0	344	8	ADT03296	Adt03296	Human	PRO
402	1806	100.0	344	8	ADU50478	Adu50478	PRO337,	S
403	1806	100.0	344	9	ADW49757	Adw49757	PRO337	pr
404	1806	100.0	344	9	ADZ03347	Adz03347	Human	sec
405	1806	100.0	344	9	ADZ52418	Adz52418	Human	sec
406	1806	100.0	344	9	AEB14093	Aeb14093	Cancer	ce
407	1806	100.0	344	9	AED48246	Aed48246	Human	PRO
408	1806	100.0	344	9	AED86291	Aed86291	Human	PRO
409	1806	100.0	355	4	AAM40499	Aam40499	Human	pol
410	1806	100.0	355	7	ADI21580	Adi21580	Novel	hum
411	1799	99.6	344	3	AAB19722	Aab19722	Human	SEC
412	1799	99.6	344	3	AAB19721	Aab19721	Human	SEC
413	1799	99.6	344	7	ADD18291	Add18291	Human	mol
414	1799	99.6	344	7	ADD18289	Add18289	Human	mol
415	1791.5	99.2	343	2	AAY41773	Aay41773	Human	PRO
416	1665.5	92.2	344	4	AAM38713	Aam38713	Human	pol
417	1665.5	92.2	344	6	ABJ20227	Abj20227	Human	IG
418	1665.5	92.2	344	6	ABU56719	Abu56719	Lung	canc
419	1665.5	92.2	344	7	ADG63209	Adg63209	Human	neu
420	1665.5	92.2	344	7	ADN39138	Adn39138	Cancer/an	
421	1650	91.4	355	7	ADG63211	Adg63211	Human	neu
422	1650	91.4	355	7	ADI35770	Adi35770	Human	neu
423	1644	91.0	367	7	ADG63213	Adg63213	Human	neu
424	1643	91.0	381	5	AAU79205	Aau79205	Human	Kru
425	1642	90.9	313	3	AAY57602	Aay57602	Human	pro
426	1639.5	90.8	344	7	ADI35772	Adi35772	Rat	neuro
427	1639.5	90.8	376	7	ADG63215	Adg63215	Human	neu
428	1295.5	71.7	338	7	ADE07928	Ade07928	Novel	pro
429	1295	71.7	250	8	ADO47380	Ado47380	Human	neu
430	1268	70.2	345	6	ABJ20236	Abj20236	Human	IG
431	1268	70.2	345	7	ADE83448	Ade83448	Human	Pro
432	1268	70.2	345	7	ADG63207	Adg63207	Opioid-bi	
433	1268	70.2	345	9	ADV73205	Adv73205	Human	col
434	1259	69.7	345	7	ADE83446	Ade83446	Rat	Prote
435	932.5	51.6	335	5	AAO19641	Aao19641	Human	lim
436	931.5	51.6	338	6	ABJ20235	Abj20235	Human	IG
437	931.5	51.6	338	8	ADL12675	Adl12675	Human	ste

438	931.5	51.6	338	9	ADX26265	Adx26265	Novel cel
439	926.5	51.3	338	2	AAW05153	Aaw05153	Rat LAMP
440	926.5	51.3	338	2	AAW05154	Aaw05154	Rat LAMP
441	926.5	51.3	338	9	ADX26409	Adx26409	Novel cel
442	925.5	51.2	334	9	AEA26105	Aea26105	Human ren
443	923.5	51.1	325	2	AAW05152	Aaw05152	Human LAM
444	913	50.6	361	2	AAW05172	Aaw05172	Rat LAMP
445	908	50.3	308	2	AAW05157	Aaw05157	Human LAMP
446	907	50.2	315	2	AAW05158	Aaw05158	Rat LAMP
447	905	50.1	310	2	AAW05156	Aaw05156	Rat matur
448	902	49.9	304	2	AAW05155	Aaw05155	Human mat
449	894	49.5	341	9	ADX26335	Adx26335	Novel cel
450	893	49.4	383	6	ABR39441	Abr39441	Human GEN
451	886.5	49.1	287	2	AAW05159	Aaw05159	Human LAM
452	885.5	49.0	287	2	AAW05160	Aaw05160	Rat LAMP
453	873.5	48.4	203	7	ADM47275	Adm47275	Oestrogen
454	852.5	47.2	326	4	AAG75020	Aag75020	Human col
455	823	45.6	354	4	AAB31212	Aab31212	Amino aci
456	823	45.6	354	5	ABP53580	Abp53580	Human NOV
457	823	45.6	354	5	AAU83592	Aau83592	Human PRO
458	823	45.6	354	5	ADI28023	Adi28023	ECMCAD pr
459	823	45.6	354	5	ADY31742	Ady31742	Novel hum
460	823	45.6	354	6	ABU80739	Abu80739	Human PRO
461	823	45.6	354	6	ABO25183	Abo25183	Novel hum
462	823	45.6	354	6	ABO33705	Abo33705	Novel hum
463	823	45.6	354	6	ABU67301	Abu67301	Novel hum
464	823	45.6	354	6	ABU72069	Abu72069	Novel hum
465	823	45.6	354	6	ABU67170	Abu67170	Novel hum
466	823	45.6	354	6	ABU82048	Abu82048	Novel hum
467	823	45.6	354	6	ABU79812	Abu79812	Human sec
468	823	45.6	354	6	ABJ72228	Abj72228	Human PRO
469	823	45.6	354	6	ADA47302	Ada47302	Human sec
470	823	45.6	354	6	ABJ72356	Abj72356	Human PRO
471	823	45.6	354	6	ABO34251	Abo34251	Human sec
472	823	45.6	354	7	ABO19870	Abo19870	Human sec
473	823	45.6	354	7	ABJ72058	Abj72058	Human mem
474	823	45.6	354	7	ADB83492	Adb83492	Novel hum
475	823	45.6	354	7	ADB80598	Adb80598	Novel hum
476	823	45.6	354	7	ADB73139	Adb73139	Novel hum
477	823	45.6	354	7	ADB78221	Adb78221	Novel hum
478	823	45.6	354	7	ADB84869	Adb84869	Human PRO
479	823	45.6	354	7	ADB77975	Adb77975	Novel hum
480	823	45.6	354	7	ADB87041	Adb87041	Human PRO
481	823	45.6	354	7	ADB84623	Adb84623	Human PRO
482	823	45.6	354	7	ADB83738	Adb83738	Novel hum
483	823	45.6	354	7	ADB72893	Adb72893	Novel hum
484	823	45.6	354	7	ADC36731	Adc36731	Human PRO
485	823	45.6	354	7	ADC21721	Adc21721	Human PRO
486	823	45.6	354	7	ADC49752	Adc49752	Novel hum
487	823	45.6	354	7	ADC48951	Adc48951	Novel hum
488	823	45.6	354	7	ADC49468	Adc49468	Novel hum
489	823	45.6	354	7	ADC47329	Adc47329	Novel hum
490	823	45.6	354	7	ADC47074	Adc47074	Novel hum
491	823	45.6	354	7	ADC77949	Adc77949	Novel hum
492	823	45.6	354	7	ADD06184	Add06184	Novel hum
493	823	45.6	354	7	ADC77703	Adc77703	Novel hum
494	823	45.6	354	7	ADD50666	Add50666	Novel hum
495	823	45.6	354	7	ADD50912	Add50912	Novel hum
496	823	45.6	354	7	ADD50393	Add50393	Human PRO
497	823	45.6	354	7	ADD50147	Add50147	Human PRO
498	823	45.6	354	7	ADD51158	Add51158	Novel hum
499	823	45.6	354	7	ADG63811	Adg63811	Human sec
500	823	45.6	354	8	ADC48705	Adc48705	Novel hum
501	823	45.6	354	8	ADE20876	Ade20876	Novel hum
502	823	45.6	354	8	ADE05720	Ade05720	Human PRO
503	823	45.6	354	8	ADD74949	Add74949	Human PRO
504	823	45.6	354	8	ADD75695	Add75695	Novel hum
505	823	45.6	354	8	ADD84927	Add84927	Novel hum
506	823	45.6	354	8	ADD86753	Add86753	Novel hum
507	823	45.6	354	8	ADE20630	Ade20630	Novel hum
508	823	45.6	354	8	ADE38927	Ade38927	Novel hum
509	823	45.6	354	8	ADE05474	Ade05474	Human PRO
510	823	45.6	354	8	ADD73459	Add73459	Human PRO
511	823	45.6	354	8	ADD78299	Add78299	Novel hum
512	823	45.6	354	8	ADE21122	Ade21122	Novel hum
513	823	45.6	354	8	ADD77237	Add77237	Novel hum
514	823	45.6	354	8	ADE20384	Ade20384	Novel hum
515	823	45.6	354	8	ADD75449	Add75449	Human PRO
516	823	45.6	354	8	ADD73965	Add73965	Human PRO
517	823	45.6	354	8	ADD74211	Add74211	Human PRO
518	823	45.6	354	8	ADD75941	Add75941	Novel hum

519	823	45.6	354	8	ADD85433	Add85433	Novel	hum
520	823	45.6	354	8	ADE04982	Ade04982	Human	PRO
521	823	45.6	354	8	ADD75195	Add75195	Human	PRO
522	823	45.6	354	8	ADD76739	Add76739	Novel	hum
523	823	45.6	354	8	ADD86507	Add86507	Novel	hum
524	823	45.6	354	8	ADE41225	Ade41225	Human	sec
525	823	45.6	354	8	ADD77975	Add77975	Novel	hum
526	823	45.6	354	8	ADD77483	Add77483	Novel	hum
527	823	45.6	354	8	ADD77729	Add77729	Novel	hum
528	823	45.6	354	8	ADD85187	Add85187	Novel	hum
529	823	45.6	354	8	ADD73719	Add73719	Human	PRO
530	823	45.6	354	8	ADD74457	Add74457	Human	PRO
531	823	45.6	354	8	ADD76985	Add76985	Novel	hum
532	823	45.6	354	8	ADD85679	Add85679	Novel	hum
533	823	45.6	354	8	ADE05228	Ade05228	Human	PRO
534	823	45.6	354	8	ADD74703	Add74703	Human	PRO
535	823	45.6	354	8	ADG05515	Adg05515	Novel	hum
536	823	45.6	354	8	ADG27069	Adg27069	Human	PRO
537	823	45.6	354	8	ADG11132	Adg11132	Novel	hum
538	823	45.6	354	8	ADG11911	Adg11911	Novel	hum
539	823	45.6	354	8	ADF94468	Adf94468	Novel	hum
540	823	45.6	354	8	ADG06564	Adg06564	Human	PRO
541	823	45.6	354	8	ADH38908	Adh38908	Novel	hum
542	823	45.6	354	8	ADG63659	Adg63659	Human	sec
543	823	45.6	354	8	ADG33998	Adg33998	Novel	hum
544	823	45.6	354	8	ADI33468	Adi33468	Human	PRO
545	823	45.6	354	8	ADH69562	Adh69562	Human	PRO
546	823	45.6	354	8	ADI29723	Adi29723	Novel	hum
547	823	45.6	354	8	ADM27120	Adm27120	Novel	hum
548	823	45.6	354	8	ADK66478	Adk66478	Human	PRO
549	823	45.6	354	8	ADS82050	Ads82050	Human	can
550	822	45.5	354	5	ABB98407	Abb98407	Human	NOV
551	820	45.4	354	7	ADB64811	Adb64811	Human	pro
552	819	45.3	354	5	ABP53581	Abp53581	Human	NOV
553	815	45.1	348	6	ABJ20234	Abj20234	Human	IG
554	815	45.1	348	6	ABJ20233	Abj20233	Human	IG
555	815	45.1	352	3	AAB44331	Aab44331	Human	PRO
556	815	45.1	352	6	ABO25277	Abo25277	Novel	hum
557	815	45.1	352	6	ABU72283	Abu72283	Novel	hum
558	815	45.1	352	6	ABU09489	Abu09489	Human	sec
559	815	45.1	352	6	ABU61161	Abu61161	Human	PRO
560	815	45.1	352	6	ABU80430	Abu80430	Human	sec
561	815	45.1	352	6	ADA25150	Ada25150	Novel	hum
562	815	45.1	352	6	ABO19732	Abo19732	Novel	hum
563	815	45.1	352	6	ADA12812	Ada12812	Human	sec
564	815	45.1	352	6	ABO19623	Abo19623	Novel	hum
565	815	45.1	352	7	ADB74118	Adb74118	Human	PRO
566	815	45.1	352	7	ADB76834	Adb76834	Human	PRO
567	815	45.1	352	7	ADC44260	Adc44260	Human	sec
568	815	45.1	352	7	ADC62020	Adc62020	Human	sec
569	815	45.1	352	7	ADC63984	Adc63984	Human	sec
570	815	45.1	352	7	ADC67084	Adc67084	Human	sec
571	815	45.1	352	7	ADC69208	Adc69208	Human	sec
572	815	45.1	352	7	ADC63268	Adc63268	Human	sec
573	815	45.1	352	7	ADC68333	Adc68333	Human	sec
574	815	45.1	352	7	ADC41653	Adc41653	Human	sec
575	815	45.1	352	7	ADC67708	Adc67708	Human	sec
576	815	45.1	352	7	ADC62644	Adc62644	Human	sec
577	815	45.1	352	7	ADC42277	Adc42277	Human	sec
578	815	45.1	352	7	ADE49646	Ade49646	Human	sec
579	815	45.1	352	7	ADE35700	Ade35700	Human	sec
580	815	45.1	352	7	ADE16814	Ade16814	Human	sec
581	815	45.1	352	7	ADD73429	Add73429	Human	sec
582	815	45.1	352	7	ADD72787	Add72787	Human	sec
583	815	45.1	352	7	ADE17438	Ade17438	Human	sec
584	815	45.1	352	7	ADF47452	Adf47452	Human	sec
585	815	45.1	352	7	ADG53209	Adg53209	Human	sec
586	815	45.1	352	7	ADG60529	Adg60529	Human	sec
587	815	45.1	352	7	ADI61289	Adi61289	Human	sec
588	815	45.1	352	8	ADE48946	Ade48946	Human	sec
589	815	45.1	352	8	ADE90047	Ade90047	Human	sec
590	815	45.1	352	8	ADF61687	Adf61687	Human	sec
591	815	45.1	352	8	ADF40379	Adf40379	Human	sec
592	815	45.1	352	8	ADF46175	Adf46175	Human	sec
593	815	45.1	352	8	ADF24571	Adf24571	Human	sec
594	815	45.1	352	8	ADF41003	Adf41003	Human	sec
595	815	45.1	352	8	ADF23947	Adf23947	Human	sec
596	815	45.1	352	8	ADF33930	Adf33930	Human	sec
597	815	45.1	352	8	ADF27397	Adf27397	Human	sec
598	815	45.1	352	8	ADF28033	Adf28033	Human	sec
599	815	45.1	352	8	ADF41627	Adf41627	Human	sec

600	815	45.1	352	8	ADF33306
601	815	45.1	352	8	ADF25672
602	815	45.1	352	8	ADF26773
603	815	45.1	352	8	ADF34562
604	815	45.1	352	8	ADF46799
605	815	45.1	352	8	ADG50785
606	815	45.1	352	8	ADG50161
607	815	45.1	352	8	ADG52033
608	815	45.1	352	8	ADG49537
609	815	45.1	352	8	ADG48913
610	815	45.1	352	8	ADG51409
611	815	45.1	352	8	ADG59353
612	815	45.1	352	8	ADG62809
613	815	45.1	352	8	ADM17611
614	815	45.1	352	8	ADL07445
615	815	45.1	352	8	ADU50567
616	815	45.1	352	9	ADW49846
617	815	45.1	352	9	ADZ52507
618	815	45.1	352	9	AED48335
619	796.5	44.1	252	2	AAW05167
620	795.5	44.0	252	2	AAW05168
621	763	42.2	336	5	ABG96271
622	763	42.2	336	6	AAE29924
623	763	42.2	336	8	ADH71418
624	763	42.2	336	8	ADH71412
625	763	42.2	336	8	ADH71414
626	763	42.2	344	8	ADH71388
627	762	42.2	325	8	ADH71390
628	761	42.1	306	6	AAE30252
629	761	42.1	307	8	ADH71402
630	761	42.1	309	8	ADH71410
631	761	42.1	309	8	ADH71406
632	761	42.1	314	6	AAE30253
633	761	42.1	315	8	ADH71394
634	761	42.1	319	5	ABG94637
635	761	42.1	319	5	ABG94636
636	761	42.1	319	7	ADL35977
637	761	42.1	319	7	ADL35979
638	761	42.1	319	8	ADH71400
639	761	42.1	319	8	ADH71396
640	761	42.1	320	8	ADH71416
641	761	42.1	325	8	ADH71398
642	760	42.1	336	8	ADH71422
643	760	42.1	336	8	ADH71386
644	757	41.9	307	5	ABG94638
645	757	41.9	319	8	ADH71404
646	757	41.9	336	8	ADH71420
647	752.5	41.7	278	8	ADP29916
648	752.5	41.7	284	6	AAE30254
649	752.5	41.7	291	6	AAE30256
650	752.5	41.7	292	6	AAE30255
651	727	40.3	305	7	ADL35981
652	726	40.2	336	5	AAU84386
653	721	39.9	336	5	ABG94639
654	721	39.9	336	8	ADH71408
655	720.5	39.9	281	4	ABB10253
656	720.5	39.9	281	5	ABP66840
657	712	39.4	336	7	ADL35983
658	687.5	38.1	253	8	ADH71392
659	681.5	37.7	351	5	AAU84385
660	603	33.4	141	4	ABG13848
661	603	33.4	294	6	AAE30271
662	600	33.2	286	6	AAE30270
663	599.5	33.2	222	8	ADP29917
664	569.5	31.5	130	4	ABG13847
665	527	29.2	234	6	AAE30269
666	527	29.2	256	6	AAE29927
667	525.5	29.1	872	4	ABG13816
668	525.5	29.1	872	7	ADE08994
669	505	28.0	226	6	AAE30268
670	472	26.1	211	6	AAE30264
671	472	26.1	222	6	AAE30265
672	472	26.1	241	6	AAE29926
673	338.5	18.7	413	4	ABB69485
674	333	18.4	315	4	ABB65642
675	306	16.9	545	4	ABB62574
676	297.5	16.5	333	4	ABB58947
677	290.5	16.1	2537	8	ADS10483
678	290.5	16.1	2537	8	ADS98860
679	290.5	16.1	2572	6	ABU12083
680	290.5	16.1	2673	8	ADK60225

Adf33306	Human	sec
Adf25672	Human	sec
Adf26773	Human	sec
Adf34562	Human	sec
Adf46799	Human	sec
Adg50785	Human	sec
Adg50161	Human	sec
Adg52033	Human	sec
Adg49537	Human	sec
Adg48913	Human	sec
Adg51409	Human	sec
Adg59353	Human	sec
Adg62809	Human	sec
Adm17611	Human	sec
Adl07445	Human	sec
Adu50567	PRO4993,	
Adw49846	PRO4993 p	
Adz52507	Human	sec
Aed48335	Human	PRO
Aaw05167	Human	LAMP
Aaw05168	Rat	LAMP
Abg96271	Human	imm
Aae29924	Human	LP2
Adh71418	Human	pro
Adh71412	Human	pro
Adh71414	Human	pro
Adh71388	Human	pro
Adh71390	Human	pro
Aae30252	Human	LP2
Adh71402	Human	pro
Adh71410	Human	pro
Adh71406	Human	pro
Aae30253	Human	LP2
Adh71394	Human	pro
Abg94637	Human	NOV
Abg94636	Human	NOV
Adl35977	Human	NOV
Adl35979	Human	NOV
Adh71400	Human	pro
Adh71396	Human	pro
Adh71416	Human	pro
Adh71398	Human	pro
Adh71422	Human	pro
Adh71386	Human	pro
Abg94638	Human	NOV
Adh71404	Human	pro
Adh71420	Human	pro
Adp29916	Human	sec
Aae30254	Human	LP2
Aae30256	Human	LP2
Aae30255	Human	LP2
Adl35981	Human	NOV
Aau84386	Novel	hum
Abg94639	Human	NOV
Adh71408	Human	pro
Abb10253	Human	cDN
Abp66840	Human	pol
Adl35983	Human	NOV
Adh71392	Human	pro
Aau84385	Novel	hum
Abg13848	Novel	hum
Aae30271	Human	LP3
Aae30270	Human	LP3
Adp29917	Human	sec
Abg13847	Novel	hum
Aae30269	Human	LP3
Aae29927	Human	LP3
Abg13816	Novel	hum
Ade08994	Novel	pro
Aae30268	Human	LP3
Aae30264	Human	LP3
Aae30265	Human	LP3
Aae29926	Human	LP3
Abb69485	Drosophil	
Abb65642	Drosophil	
Abb62574	Drosophil	
Abb58947	Drosophil	
Ads10483	Human	the
Ads98860	Protein	f
Abu12083	Human	NOV
Adk60225	Angiogene	

681	290.5	16.1	2673	8	ADK60526	Adk60526	Angiogene
682	290.5	16.1	2673	8	ADP73149	Adp73149	Angiogene
683	290.5	16.1	4495	6	ABU69135	Abu69135	Human NOV
684	290.5	16.1	4495	8	ADH72106	Adh72106	Human pro
685	290.5	16.1	4495	8	ADO08273	Ado08273	Human NOV
686	290.5	16.1	5636	7	ADJ70089	Adj70089	Human hea
687	290.5	16.1	5636	7	ADJ83137	Adj83137	Human hem
688	290.5	16.1	5636	8	ADK60205	Adk60205	Angiogene
689	290.5	16.1	5636	8	ADK60506	Adk60506	Angiogene
690	290.5	16.1	5636	8	ADP73129	Adp73129	Angiogene
691	289.5	16.0	1708	7	ADG39844	Adg39844	Protein s
692	289.5	16.0	1708	7	ADG39840	Adg39840	Protein s
693	288.5	16.0	707	6	ABU69134	Abu69134	Human NOV
694	288.5	16.0	707	8	ADH72102	Adh72102	Human pro
695	288.5	16.0	707	8	ADO08271	Ado08271	Human NOV
696	288.5	16.0	712	8	ADH72104	Adh72104	Human pro
697	288.5	16.0	961	6	ABU99129	Abu99129	Novel hum
698	288.5	16.0	961	8	ADM93823	Adm93823	Human NOV
699	288.5	16.0	1240	4	ABG03933	Abg03933	Novel hum
700	288.5	16.0	1336	5	AAB47771	Aab47771	Human thr
701	288.5	16.0	1902	6	ABU12084	Abu12084	Human NOV
702	288.5	16.0	1902	8	ADH72108	Adh72108	Human pro
703	288.5	16.0	1953	7	ADE16058	Adel6058	G-coupled
704	288.5	16.0	1953	8	ADL93997	Adl93997	Human G-c
705	288.5	16.0	3645	7	ADJ83136	Adj83136	Human hem
706	288.5	16.0	4126	9	ADY74314	Ady74314	Human hem
707	288.5	16.0	4126	9	AEB34668	Aeb34668	Human hem
708	288.5	16.0	5518	9	ADY74312	Ady74312	Human hem
709	288.5	16.0	5518	9	AEB34666	Aeb34666	Human hem
710	288.5	16.0	5622	9	AEB94406	Aeb94406	Human hem
711	288.5	16.0	5635	5	ABP60991	Abp60991	Novel hum
712	288.5	16.0	5636	9	AEC36829	Aec36829	Human fib
713	287.5	15.9	1708	7	ADG39841	Adg39841	Protein s
714	285	15.8	1353	8	ADS98072	Ads98072	Protein f
715	284.5	15.8	467	4	ABB63044	Abb63044	Drosophil
716	277.5	15.4	858	7	ADE63330	Ade63330	Rat Prote
717	277.5	15.4	858	9	ADZ00014	Adz00014	Rat neura
718	276	15.3	733	6	ADA55624	Ada55624	Human pro
719	276	15.3	761	7	ADE63332	Ade63332	Human Pro
720	276	15.3	848	3	AAY88565	Aay88565	Human NCA
721	276	15.3	848	5	AAE17222	Aae17222	Human 140
722	276	15.3	848	8	ADI24546	Adi24546	Human mod
723	276	15.3	848	9	ADV70189	Adv70189	Tumor-ass
724	276	15.3	848	9	ADZ26495	Adz26495	Human CD5
725	276	15.3	848	9	ADZ00015	Adz00015	Human neu
726	276	15.3	848	10	AEE26423	Aee26423	Human CD5
727	275.5	15.3	853	7	ADP28603	Adp28603	Bovine NC
728	275	15.2	90	7	ADL36019	Adl36019	Human NOV
729	275	15.2	848	7	ADD25619	Add25619	Binding d
730	275	15.2	848	9	ADW95933	Adw95933	Human CD5
731	275	15.2	848	9	ADX15799	Adx15799	Human CD5
732	274	15.2	1477	6	AAE37177	Aae37177	Human LRR
733	273.5	15.1	1356	5	ADH48824	Adh48824	NOV45B pr
734	271.5	15.0	1426	5	ADH48822	Adh48822	NOV45A pr
735	271	15.0	858	9	ADZ26717	Adz26717	Human CD5
736	271	15.0	858	10	AEE26425	Aee26425	Human CD5
737	271	15.0	859	7	AAO30845	Aao30845	Human cel
738	270	15.0	729	4	ABB68566	Abb68566	Drosophil
739	269	14.9	152	4	AAU18023	Aau18023	Human imm
740	269	14.9	152	7	ADB31647	Adb31647	Human nov
741	268.5	14.9	1469	8	ADR66889	Adr66889	Human pro
742	268.5	14.9	1469	8	ADR65991	Adr65991	Human pro
743	268.5	14.9	1479	8	ADL35717	Adl35717	Human per
744	268.5	14.9	1496	2	AAW81030	Aaw81030	Melanoma
745	268.5	14.9	1496	3	AAY70469	Aay70469	Human p53
746	268.5	14.9	1496	6	ABU03498	Abu03498	Angiogene
747	268.5	14.9	1496	7	ADD89024	Add89024	TAT264. 1
748	268.5	14.9	1496	7	ADF28706	Adf28706	Human per
749	268.5	14.9	1496	8	ADQ18902	Adq18902	Human sof
750	268.5	14.9	1496	8	ADQ89920	Adq89920	Antagonis
751	268.5	14.9	1496	8	ADQ89914	Adq89914	Antagonis
752	268.5	14.9	1496	8	ADR66092	Adr66092	Human pro
753	268.5	14.9	1496	8	ADR66434	Adr66434	Human pro
754	268.5	14.9	1498	4	ABB11587	Abb11587	Human per
755	268.5	14.9	1498	6	ABO00762	Abo00762	Polypepti
756	267	14.8	58	3	AAQ02771	Aaq02771	Human sec
757	266	14.7	36946	9	ADV97835	Adv97835	Murine pr
758	263	14.6	142	5	ABB97902	Abb97902	Human sec
759	261	14.5	1395	2	AAY13563	Aay13563	Drosophil
760	261	14.5	1395	2	AAY08401	Aay08401	Drosophil
761	261	14.5	1395	7	ADB85335	Adb85335	Fruitfly

762	260.5	14.4	496	4	ABB62052	Abb62052	Drosophil
763	260	14.4	1395	4	ABB68257	Abb68257	Drosophil
764	259	14.3	4412	3	AAY53666	Aay53666	Sequence
765	259	14.3	31267	6	ABG74786	Abg74786	Human RGS
766	259	14.3	34350	8	ADQ89964	Adq89964	Antagonis
767	258.5	14.3	381	8	ADM74171	Adm74171	Human NOV
768	256.5	14.2	404	7	ADM56387	Adm56387	Human cel
769	256	14.2	421	9	ADX44506	Adx44506	Human bet
770	256	14.2	444	2	AAY33741	Aay33741	Beta-secr
771	256	14.2	444	4	AAB47251	Aab47251	Beta-secr
772	256	14.2	444	9	ADX44510	Adx44510	Human bet
773	255	14.1	359	4	ABB63920	Abb63920	Drosophil
774	254.5	14.1	5175	8	ADN24208	Adn24208	Bacterial
775	254.5	14.1	5175	8	ADN24206	Adn24206	Bacterial
776	254.5	14.1	5198	8	ADN24207	Adn24207	Bacterial
777	254.5	14.1	5198	8	ADN24205	Adn24205	Bacterial
778	253.5	14.0	306	8	ADM74177	Adm74177	Human NOV
779	253.5	14.0	404	5	ABG66677	Abg66677	Human nov
780	253.5	14.0	404	6	ABJ20221	Abj20221	Human IG
781	253.5	14.0	404	8	ADF66751	Adf66751	Novel hum
782	253.5	14.0	404	8	ADI19788	Adi19788	Human NOV
783	253.5	14.0	404	8	ADO60261	Ado60261	Human NOV
784	253	14.0	568	8	ADO47378	Ado47378	Human neu
785	253	14.0	570	4	ABB76023	Abb76023	Neurotrim
786	253	14.0	586	4	ABB76018	Abb76018	Neurotrim
787	253	14.0	586	8	ADO47372	Ado47372	Human neu
788	251.5	13.9	404	6	ABO23244	Abo23244	Human bre
789	250.5	13.9	404	4	AAB61142	Aab61142	Human NOV
790	250.5	13.9	885	4	ABB61502	Abb61502	Drosophil
791	250	13.8	374	4	ABB76016	Abb76016	Neurotrim
792	250	13.8	374	8	ADO47381	Ado47381	Human neu
793	250	13.8	440	8	ADO47377	Ado47377	Human neu
794	250	13.8	442	4	ABB76022	Abb76022	Neurotrim
795	250	13.8	458	4	ABB76017	Abb76017	Neurotrim
796	250	13.8	458	8	ADO47369	Ado47369	Human neu
797	250	13.8	458	8	ADS10607	Ads10607	Human the
798	250	13.8	880	8	ADO47385	Ado47385	Human neu
799	250	13.8	886	7	AAO30844	Aao30844	Human cel
800	250	13.8	955	8	ADO47396	Ado47396	Human neu
801	250	13.8	955	8	ADO47383	Ado47383	Human neu
802	250	13.8	955	8	ADS10608	Ads10608	Human the
803	250	13.8	970	8	ADS11107	Ads11107	Human the
804	250	13.8	1219	4	ABG12100	Abg12100	Novel hum
805	250	13.8	1315	6	ABU52336	Abu52336	Human GPC
806	250	13.8	1315	8	ADH72138	Adh72138	Human pro
807	250	13.8	1315	8	ADL24007	Adl24007	Human NOV
808	250	13.8	1335	8	ADH72134	Adh72134	Human pro
809	250	13.8	1386	6	ABU52329	Abu52329	Human GPC
810	250	13.8	1386	8	ADL23993	Adl23993	Human NOV
811	249.5	13.8	1040	7	ADD47172	Add47172	Human Pro
812	249.5	13.8	1040	8	ADO28581	Ado28581	Human axo
813	249.5	13.8	1040	8	ABO84729	Abo84729	Human can
814	249.5	13.8	1040	8	ABO84728	Abo84728	Human can
815	248	13.7	467	4	ABB68882	Abb68882	Drosophil
816	246.5	13.6	1007	7	ADJ68312	Adj68312	Human hea
817	246.5	13.6	1018	2	AAR63759	Aar63759	Human con
818	246.5	13.6	1018	2	AAR87028	Aar87028	Human con
819	246.5	13.6	1018	7	ADE71113	Ade71113	Contactin
820	246.5	13.6	1018	8	ADJ75696	Adj75696	Marker ge
821	246.5	13.6	1018	8	ADO28659	Ado28659	Human CON
822	246.5	13.6	1018	8	ADP67246	Adp67246	Human F3/
823	245.5	13.6	1073	8	ADR66068	Adr66068	Human pro
824	245.5	13.6	1073	8	ADR66410	Adr66410	Human pro
825	244.5	13.5	512	6	ADA54925	Ada54925	Human pro
826	243.5	13.5	1018	2	AAW06485	Aaw06485	Rat conta
827	243.5	13.5	1021	7	ADE56173	Ade56173	Rat Prote
828	242.5	13.4	792	4	ABG03059	Abg03059	Novel hum
829	242.5	13.4	893	4	ABG00258	Abg00258	Novel hum
830	242.5	13.4	893	4	ABG00611	Abg00611	Novel hum
831	242	13.4	2586	5	ABG31317	Abg31317	Human 5+3
832	242	13.4	2586	5	ABG32891	Abg32891	Human ost
833	242	13.4	2586	8	ADL02231	Adl02231	Human OCP
834	242	13.4	2586	8	ADL02234	Adl02234	Human OCP
835	242	13.4	2587	5	AAB47935	Aab47935	Human OCP
836	242	13.4	2587	5	ABG32896	Abg32896	Human ost
837	242	13.4	2587	8	ADL02236	Adl02236	Human OCP
838	242	13.4	2589	5	ABG31323	Abg31323	Human OCP
839	242	13.4	2589	8	ADL02244	Adl02244	Human OCP
840	241.5	13.4	582	2	AAR92256	Aar92256	Neural ce
841	241.5	13.4	761	2	AAR92255	Aar92255	Neural ce
842	241.5	13.4	837	8	ADI24547	Adi24547	Human mod

843	241.5	13.4	1020	8	ADJ76385	Adj76385	Marker ge
844	241.5	13.4	1020	9	Aea55089	Aea55089	Mouse con
845	241.5	13.4	1020	9	Aea55056	Aea55056	Mouse con
846	241	13.3	891	4	Abg07536	Abg07536	Novel hum
847	241	13.3	2173	5	Abp69251	Abp69251	Human pol
848	240	13.3	3707	9	Adv70215	Adv70215	Tumor-ass
849	238.5	13.2	793	4	Aae00585	Aae00585	Human nuc
850	238.5	13.2	848	4	Aae00584	Aae00584	Human nuc
851	238.5	13.2	891	4	Aae00586	Aae00586	Human nuc
852	238.5	13.2	920	4	Aae00583	Aae00583	Human cel
853	238.5	13.2	946	4	Aae00582	Aae00582	Human nuc
854	238.5	13.2	1018	4	Aae00581	Aae00581	Human cel
855	237	13.1	73	2	Aaw05161	Aaw05161	Human LAM
856	237	13.1	73	2	Aaw05162	Aaw05162	Rat LAMP
857	235.5	13.0	632	8	Adr09877	Adr09877	Human pro
858	235.5	13.0	967	8	Adh71818	Adh71818	Human pro
859	235.5	13.0	2428	8	Ads10576	Ads10576	Human the
860	235.5	13.0	2623	8	Adl02252	Adl02252	Human OCP
861	235.5	13.0	2623	8	Ads10577	Ads10577	Human the
862	235	13.0	662	8	Adn24073	Adn24073	Bacterial
863	234.5	13.0	1040	7	Add47171	Add47171	Rat Prote
864	233.5	12.9	1100	8	Adr67266	Adr67266	Human bla
865	232.5	12.9	967	8	Adh71816	Adh71816	Human pro
866	232.5	12.9	2783	8	Adn23691	Adn23691	Bacterial
867	232	12.8	2401	5	Abg69614	Abg69614	Human NOV
868	232	12.8	2447	5	Abg69619	Abg69619	Human NOV
869	232	12.8	2591	7	Adj83065	Adj83065	Human NOV
870	232	12.8	2591	8	Adh71822	Adh71822	Human pro
871	232	12.8	2602	8	Adh71820	Adh71820	Human pro
872	232	12.8	2617	7	Adj83055	Adj83055	Human NOV
873	232	12.8	2617	8	Adh71842	Adh71842	Human pro
874	232	12.8	2617	8	Adh71852	Adh71852	Human pro
875	232	12.8	2617	8	Adh71838	Adh71838	Human pro
876	232	12.8	2617	8	Adh71770	Adh71770	Human pro
877	232	12.8	2617	8	Adh71836	Adh71836	Human pro
878	232	12.8	2617	8	Adh71840	Adh71840	Human pro
879	232	12.8	2617	8	Adh71844	Adh71844	Human pro
880	232	12.8	2617	8	Adh71846	Adh71846	Human pro
881	232	12.8	2617	8	Adh71850	Adh71850	Human pro
882	232	12.8	2617	8	Adh71854	Adh71854	Human pro
883	232	12.8	2617	8	Adh71848	Adh71848	Human pro
884	232	12.8	3931	6	Abu07377	Abu07377	Human pro
885	231	12.8	1028	2	Aaw29667	Aaw29667	Homo sapi
886	231	12.8	1028	8	Adp67247	Adp67247	Human NB-
887	231	12.8	3931	7	Adg39786	Adg39786	Human nov
888	230.5	12.8	861	9	Aec74506	Aec74506	Muscle-sp
889	230.5	12.8	868	2	Aaw26507	Aaw26507	Rat Dmk r
890	230.5	12.8	868	2	Aaw26610	Aaw26610	Rat muscl
891	230.5	12.8	961	8	Adh71830	Adh71830	Human pro
892	230.5	12.8	961	8	Adh71832	Adh71832	Human pro
893	230.5	12.8	1040	8	Ab084727	Ab084727	Mouse can
894	230.5	12.8	3475	8	Ab084469	Ab084469	Human can
895	230	12.7	1928	7	Adg39842	Adg39842	Protein s
896	230	12.7	1951	7	Adg39843	Adg39843	Protein s
897	230	12.7	3117	3	Aay53667	Aay53667	Sequence
898	230	12.7	4393	4	Aab31889	Aab31889	Amino aci
899	230	12.7	4393	8	Adl35758	Adl35758	Human per
900	230	12.7	4393	8	Adq39442	Adq39442	Human myo
901	230	12.7	4419	9	Aed74327	Aed74327	Human pla
902	230	12.7	4436	4	Abg23265	Abg23265	Novel hum
903	229.5	12.7	849	8	Adl16585	Adl16585	Human 282
904	229.5	12.7	851	8	Adl16586	Adl16586	Human 282
905	229.5	12.7	869	2	Aaw26506	Aaw26506	Human Dmk
906	229.5	12.7	869	2	Aaw26611	Aaw26611	Human mus
907	229.5	12.7	869	8	Adq89844	Adq89844	Antagonis
908	229.5	12.7	893	8	Adl16446	Adl16446	Human 282
909	229.5	12.7	893	8	Adl16584	Adl16584	Human 282
910	229.5	12.7	893	8	Adl16625	Adl16625	Human 282
911	229.5	12.7	893	8	Adl16431	Adl16431	Human 282
912	229.5	12.7	1117	8	Adl16626	Adl16626	Human 282
913	229.5	12.7	1117	8	Adl16590	Adl16590	Human 282
914	229.5	12.7	1117	8	Adl16447	Adl16447	Human 282
915	229.5	12.7	1117	8	Adl16433	Adl16433	Human 282
916	229.5	12.7	1117	8	Adl16592	Adl16592	Human 282
917	229.5	12.7	1171	8	Abm83685	Abm83685	Human dia
918	229.5	12.7	1183	8	Adl16604	Adl16604	Human 282
919	229.5	12.7	1183	8	Adl16628	Adl16628	Human 282
920	229.5	12.7	1183	8	Adl16449	Adl16449	Human 282
921	229.5	12.7	1183	8	Adl16602	Adl16602	Human 282
922	229.5	12.7	1183	8	Adl16437	Adl16437	Human 282
923	229.5	12.7	1208	8	Adl16448	Adl16448	Human 282

924	229.5	12.7	1208	8	ADL16596	Adl16596 Human	282
925	229.5	12.7	1208	8	ADL16435	Adl16435 Human	282
926	229.5	12.7	1208	8	ADL16627	Adl16627 Human	282
927	229.5	12.7	1208	8	ADL16598	Adl16598 Human	282
928	229.5	12.7	1224	7	ADJ69602	Adj69602 Human	hea
929	229.5	12.7	1224	8	ADL16443	Adl16443 Human	282
930	229.5	12.7	1224	8	ADL16597	Adl16597 Human	282
931	229.5	12.7	1224	8	ADL16621	Adl16621 Human	282
932	229.5	12.7	1224	8	ADL16452	Adl16452 Human	282
933	229.5	12.7	1224	8	ADL16623	Adl16623 Human	282
934	229.5	12.7	1224	8	ADL16579	Adl16579 Human	282
935	229.5	12.7	1224	8	ADL16427	Adl16427 Human	282
936	229.5	12.7	1224	8	ADL16455	Adl16455 Human	282
937	229.5	12.7	1224	8	ADL16457	Adl16457 Human	282
938	229.5	12.7	1224	8	ADL16591	Adl16591 Human	282
939	229.5	12.7	1224	8	ADL16620	Adl16620 Human	282
940	229.5	12.7	1224	8	ADL16456	Adl16456 Human	282
941	229.5	12.7	1224	8	ADL16615	Adl16615 Human	282
942	229.5	12.7	1224	8	ADL16622	Adl16622 Human	282
943	229.5	12.7	1224	8	ADL16444	Adl16444 Human	282
944	229.5	12.7	1224	8	ADL16458	Adl16458 Human	282
945	229.5	12.7	1224	8	ADL16550	Adl16550 Human	282
946	229.5	12.7	1224	8	ADL16459	Adl16459 Human	282
947	229.5	12.7	1224	8	ADL16603	Adl16603 Human	282
948	229.5	12.7	1224	8	ADL16453	Adl16453 Human	282
949	229.5	12.7	1224	8	ADL16632	Adl16632 Human	282
950	229.5	12.7	1224	8	ADL16609	Adl16609 Human	282
951	229	12.7	3588	8	ADQ39441	Adq39441 Human	myo
952	229	12.7	4346	8	ADQ39440	Adq39440 Human	myo
953	229	12.7	4347	8	ADQ39439	Adq39439 Human	myo
954	229	12.7	4370	7	ADJ69461	Adj69461 Human	hea
955	228	12.6	1483	4	ABG16336	Abg16336 Novel	hum
956	227.5	12.6	8523	9	ADV97842	Adv97842 Murine	pr
957	227	12.6	1189	10	AEE80586	Aee80586 Human	ova
958	227	12.6	1189	10	AEF71405	Aef71405 Human	imm
959	226	12.5	717	9	AEF57722	Aef57722 Human	sec
960	226	12.5	717	10	AEE80587	Aee80587 Human	ova
961	226	12.5	717	10	AEF71404	Aef71404 Human	imm
962	226	12.5	6642	8	ADN22360	Adn22360 Bacterial	
963	225.5	12.5	478	2	AAR92718	Aar92718 Mouse	mus
964	225.5	12.5	860	2	AAR92716	Aar92716 Mouse	mus
965	225.5	12.5	868	2	AAR92717	Aar92717 Mouse	mus
966	225.5	12.5	869	5	ABJ10922	Abj10922 Human	sec
967	225	12.5	4391	6	AAE34390	Aae34390 Human	per
968	224.5	12.4	477	9	ADW16038	Adw16038 Human	FGF
969	224.5	12.4	477	9	AEA05858	Aea05858 Human	fib
970	224.5	12.4	537	4	ABG74129	Abg74129 Human	hMu
971	224.5	12.4	537	4	AAG77857	Aag77857 Mutant	pr
972	224.5	12.4	576	4	ABG74130	Abg74130 Human	hMu
973	224.5	12.4	576	4	AAG77858	Aag77858 Mutant	pr
974	224.5	12.4	869	4	ABG74128	Abg74128 Human	mus
975	224.5	12.4	869	4	AAB68421	Aab68421 Amino	aci
976	224.5	12.4	869	4	AAG77856	Aag77856 Protein	o
977	224.5	12.4	869	8	ADS17276	Ads17276 Human	mus
978	224.5	12.4	981	4	ABG22633	Abg22633 Novel	hum
979	224.5	12.4	1113	8	ADR08740	Adr08740 Human	pro
980	224.5	12.4	1171	8	ADL16578	Adl16578 Human	282
981	224.5	12.4	1171	8	ADL16624	Adl16624 Human	282
982	224.5	12.4	1171	8	ADL16580	Adl16580 Human	282
983	224.5	12.4	1171	8	ADL16429	Adl16429 Human	282
984	224.5	12.4	1171	8	ADL16445	Adl16445 Human	282
985	224.5	12.4	1224	7	ADE55236	Ade55236 Human	Pro
986	224.5	12.4	1224	7	ADL15032	Adl15032 Human	neu
987	224.5	12.4	1224	8	ADJ75519	Adj75519 Marker	ge
988	224.5	12.4	1224	8	ADL16454	Adl16454 Human	282
989	224.5	12.4	1224	8	ADN04062	Adn04062 Antipsori	
990	224.5	12.4	1224	8	ADQ19766	Adq19766 Human	sof
991	224.5	12.4	1224	8	ADR14776	Adr14776 Amino	aci
992	224.5	12.4	1583	8	ADP29420	Adp29420 Human	sec
993	224.5	12.4	1583	8	ADP29354	Adp29354 Human	sec
994	224.5	12.4	1645	4	ABG20008	Abg20008 Novel	hum
995	224.5	12.4	1765	4	ABG22631	Abg22631 Novel	hum
996	224.5	12.4	1944	4	ABG12017	Abg12017 Novel	hum
997	224	12.4	68	6	AAE30259	Aae30259 Human	LP2
998	224	12.4	434	4	ABG02117	Abg02117 Novel	hum
999	224	12.4	697	4	AAM93829	Aam93829 Human	pol
1000	224	12.4	697	8	ADL31860	Adl31860 Human	pro

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:40:31 ; Search time 39.2694 Seconds
(without alignments)
766.768 Million cell updates/sec

Title: US-10-657-103-3
Perfect score: 1806
Sequence: 1 MKTIQPKMHSISWAIPTGL.....RRAGCVWLLPLLVLHLLKLF 344

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : Issued Patents AA:*
1: /EMC_Celerra_SIDS3/ptodata/2/iaa/5_COMB.pep:*
2: /EMC_Celerra_SIDS3/ptodata/2/iaa/6_COMB.pep:*
3: /EMC_Celerra_SIDS3/ptodata/2/iaa/7_COMB.pep:*
4: /EMC_Celerra_SIDS3/ptodata/2/iaa/H_COMB.pep:*
5: /EMC_Celerra_SIDS3/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /EMC_Celerra_SIDS3/ptodata/2/iaa/RE_COMB.pep:*
7: /EMC_Celerra_SIDS3/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1806	100.0	344	2	US-09-700-397-3	Sequence 3, Appli
2	1806	100.0	344	2	US-09-999-833A-523	Sequence 523, App
3	1806	100.0	344	2	US-10-020-445A-523	Sequence 523, App
4	1806	100.0	344	2	US-09-978-189-523	Sequence 523, App
5	1806	100.0	344	2	US-10-017-085A-523	Sequence 523, App
6	1806	100.0	344	3	US-10-145-129A-523	Sequence 523, App
7	1806	100.0	344	3	US-10-013-929A-523	Sequence 523, App
8	1806	100.0	344	3	US-10-013-917A-523	Sequence 523, App
9	1642	90.9	313	2	US-09-700-397-4	Sequence 4, Appli
10	931.5	51.6	338	2	US-09-976-594-404	Sequence 404, App
11	926.5	51.3	338	1	US-08-414-657D-42	Sequence 42, Appl
12	926.5	51.3	338	1	US-08-414-657D-43	Sequence 43, Appl
13	926.5	51.3	338	2	US-09-135-080-4	Sequence 4, Appli
14	923.5	51.1	325	1	US-08-414-657D-2	Sequence 2, Appli
15	923.5	51.1	325	1	US-08-414-657D-41	Sequence 41, Appl
16	923.5	51.1	325	2	US-09-135-080-2	Sequence 2, Appli
17	923.5	51.1	338	1	US-08-414-657D-60	Sequence 60, Appl
18	923.5	51.1	338	2	US-09-135-080-8	Sequence 8, Appli
19	908	50.3	308	1	US-08-414-657D-46	Sequence 46, Appl
20	907	50.2	315	1	US-08-414-657D-47	Sequence 47, Appl
21	905	50.1	310	1	US-08-414-657D-45	Sequence 45, Appl
22	902	49.9	304	1	US-08-414-657D-44	Sequence 44, Appl
23	886.5	49.1	287	1	US-08-414-657D-48	Sequence 48, Appl
24	885.5	49.0	287	1	US-08-414-657D-49	Sequence 49, Appl
25	820	45.4	354	2	US-10-104-047-2965	Sequence 2965, Ap
26	815	45.1	352	2	US-09-999-833A-612	Sequence 612, App
27	815	45.1	352	2	US-10-020-445A-612	Sequence 612, App
28	815	45.1	352	2	US-09-978-189-612	Sequence 612, App
29	815	45.1	352	2	US-10-017-085A-612	Sequence 612, App
30	815	45.1	352	3	US-10-145-129A-612	Sequence 612, App
31	815	45.1	352	3	US-10-013-929A-612	Sequence 612, App
32	815	45.1	352	3	US-10-013-917A-612	Sequence 612, App
33	796.5	44.1	252	1	US-08-414-657D-56	Sequence 56, Appl
34	795.5	44.0	252	1	US-08-414-657D-57	Sequence 57, Appl
35	742.5	41.1	212	2	US-09-949-016-10458	Sequence 10458, A

36	288.5	16.0	961	3	US-10-162-335-42	Sequence 42, Appl
37	288.5	16.0	4126	2	US-09-953-096-4	Sequence 4, Appli
38	288.5	16.0	5518	2	US-09-953-096-2	Sequence 2, Appli
39	276	15.3	588	2	US-09-949-016-10547	Sequence 10547, A
40	276	15.3	733	2	US-10-094-749-3192	Sequence 3192, Ap
41	276	15.3	848	2	US-09-787-443-44	Sequence 44, Appl
42	267	14.8	58	2	US-09-513-999C-6852	Sequence 6852, Ap
43	261	14.5	1395	2	US-09-540-245A-15	Sequence 15, Appl
44	261	14.5	1395	2	US-10-289-776-15	Sequence 15, Appl
45	261	14.5	1395	3	US-09-191-651-2	Sequence 2, Appli
46	256	14.2	421	1	US-08-659-984A-1	Sequence 1, Appli
47	256	14.2	421	2	US-08-660-531-1	Sequence 1, Appli
48	256	14.2	421	2	US-09-404-578-1	Sequence 1, Appli
49	256	14.2	444	1	US-08-659-984A-5	Sequence 5, Appli
50	256	14.2	444	2	US-08-660-531-5	Sequence 5, Appli

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:41:00 ; Search time 127.756 Seconds
 (without alignments)
 1247.263 Million cell updates/sec

Title: US-10-657-103 (3)
 Perfect score: 1806
 Sequence: 1 MKTIQPKMHNSISWAIFTGL.....RRAGCVWLLPLLVLHLLKKF 344

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : Published Applications AA Main:*
 1: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
 2: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
 3: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
 4: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
 5: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
 6: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1806	100.0	344	3	US-09-978-295A-523	Sequence 523, App
2	1806	100.0	344	3	US-09-978-697-523	Sequence 523, App
3	1806	100.0	344	3	US-09-978-192A-523	Sequence 523, App
4	1806	100.0	344	3	US-09-999-832A-523	Sequence 523, App
5	1806	100.0	344	3	US-09-978-189-523	Sequence 523, App
6	1806	100.0	344	3	US-09-978-608A-523	Sequence 523, App
7	1806	100.0	344	3	US-09-978-585A-523	Sequence 523, App
8	1806	100.0	344	3	US-09-978-191A-523	Sequence 523, App
9	1806	100.0	344	3	US-09-978-403A-523	Sequence 523, App
10	1806	100.0	344	3	US-09-978-564A-523	Sequence 523, App
11	1806	100.0	344	3	US-09-999-833A-523	Sequence 523, App
12	1806	100.0	344	3	US-09-981-915A-523	Sequence 523, App
13	1806	100.0	344	3	US-09-978-824-523	Sequence 523, App
14	1806	100.0	344	3	US-09-918-585A-523	Sequence 523, App
15	1806	100.0	344	3	US-09-999-834A-523	Sequence 523, App
16	1806	100.0	344	3	US-09-978-423A-523	Sequence 523, App
17	1806	100.0	344	3	US-09-978-193A-523	Sequence 523, App
18	1806	100.0	344	3	US-09-999-830A-523	Sequence 523, App
19	1806	100.0	344	3	US-09-978-757A-523	Sequence 523, App
20	1806	100.0	344	3	US-09-978-187B-523	Sequence 523, App
21	1806	100.0	344	3	US-09-978-643A-523	Sequence 523, App
22	1806	100.0	344	3	US-09-978-375A-523	Sequence 523, App
23	1806	100.0	344	3	US-09-978-298A-523	Sequence 523, App
24	1806	100.0	344	3	US-09-978-188A-523	Sequence 523, App
25	1806	100.0	344	3	US-09-978-681A-523	Sequence 523, App
26	1806	100.0	344	3	US-09-978-194A-523	Sequence 523, App
27	1806	100.0	344	3	US-09-999-829A-523	Sequence 523, App
28	1806	100.0	344	3	US-09-978-299A-523	Sequence 523, App
29	1806	100.0	344	3	US-09-978-544A-523	Sequence 523, App
30	1806	100.0	344	3	US-09-978-665A-523	Sequence 523, App
31	1806	100.0	344	3	US-09-978-802A-523	Sequence 523, App
32	1806	100.0	344	3	US-09-999-831A-523	Sequence 523, App
33	1806	100.0	344	3	US-09-978-824-523	Sequence 523, App
34	1806	100.0	344	4	US-10-066-500-104	Sequence 104, App
35	1806	100.0	344	4	US-10-028-072-376	Sequence 376, App
36	1806	100.0	344	4	US-10-140-808-376	Sequence 376, App

37	1806	100.0	344	4	US-10-121-049-376	Sequence 376, App
38	1806	100.0	344	4	US-10-123-904-376	Sequence 376, App
39	1806	100.0	344	4	US-10-140-470-376	Sequence 376, App
40	1806	100.0	344	4	US-10-175-746-376	Sequence 376, App
41	1806	100.0	344	4	US-10-176-918-376	Sequence 376, App
42	1806	100.0	344	4	US-10-176-921-376	Sequence 376, App
43	1806	100.0	344	4	US-10-227-884-126	Sequence 126, App
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45	1806	100.0	344	4	US-10-066-273-104	Sequence 104, App
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653	1806	100.0	344	4	US-10-147-518-376	Sequence 376, App
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691	1665.5	92.2	344	4	US-10-295-027-456	Sequence 456, App
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693	1642	90.9	313	4	US-10-657-103-4	Sequence 4, Appli
694	1639.5	90.8	344	4	US-10-306-133-3	Sequence 3, Appli
695	1427.5	79.0	344	4	US-10-015-115-87	Sequence 87, Appl
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697	1285.5	71.2	338	4	US-10-015-115-86	Sequence 86, Appl
698	1268	70.2	345	4	US-10-161-572-59	Sequence 59, Appl
699	1268	70.2	345	4	US-10-015-115-84	Sequence 84, Appl
700	1268	70.2	345	5	US-10-696-639-46	Sequence 46, Appl
701	1266	70.1	345	4	US-10-015-115-83	Sequence 83, Appl
702	1259	69.7	345	4	US-10-015-115-85	Sequence 85, Appl
703	938.5	52.0	338	4	US-10-038-854-159	Sequence 159, App
704	931.5	51.6	338	3	US-09-808-602-69	Sequence 69, Appl
705	931.5	51.6	338	3	US-09-800-198-58	Sequence 58, Appl
706	931.5	51.6	338	4	US-10-161-572-58	Sequence 58, Appl
707	931.5	51.6	338	4	US-10-038-854-158	Sequence 158, App
708	931.5	51.6	338	4	US-10-042-865-92	Sequence 92, Appl
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710	930.5	51.5	350	3	US-09-800-198-60	Sequence 60, Appl
711	926.5	51.3	338	3	US-09-808-602-72	Sequence 72, Appl
712	926.5	51.3	338	3	US-09-800-198-61	Sequence 61, Appl
713	926.5	51.3	338	4	US-10-042-865-91	Sequence 91, Appl
714	893	49.4	383	3	US-09-978-418-38	Sequence 38, Appl
715	893	49.4	383	5	US-10-485-231-38	Sequence 38, Appl
716	873.5	48.4	203	4	US-10-187-975-108	Sequence 108, App
717	852.5	47.2	326	4	US-10-106-698-5794	Sequence 5794, Ap
718	842	46.6	352	4	US-10-038-854-156	Sequence 156, App
719	842	46.6	352	4	US-10-042-865-89	Sequence 89, Appl
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723	823	45.6	354	4	US-10-066-273-130	Sequence 130, App
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791	823	45.6	354	4	US-10-230-183-2	Sequence 2, Appli
792	823	45.6	354	4	US-10-230-234-2	Sequence 2, Appli
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798	823	45.6	354	4	US-10-230-438-2	Sequence 2, Appli
799	823	45.6	354	4	US-10-232-222-2	Sequence 2, Appli
800	823	45.6	354	4	US-10-226-739-130	Sequence 13

GenCore version 5.1.8

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:42:25 ; Search time 9.42466 Seconds
 (without alignments)
 406.513 Million cell updates/sec

Title: US-10-657-103-3
 Perfect score: 1806
 Sequence: 1 MKTIQPKMHNSISWAIFTGL.....RRAGCVWLLPLLVLHLLKKF 344

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 56051 seqs, 11137335 residues

Total number of hits satisfying chosen parameters: 56051

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : Published Applications AA New:*

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- 8: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	229	12.7	4391	7 US-11-183-325-56	Sequence 56, Appl
2	220.5	12.2	364	7 US-11-246-999-39	Sequence 39, Appl
3	220.5	12.2	440	6 US-10-196-749-34	Sequence 34, Appl
4	220.5	12.2	440	7 US-11-296-092-61	Sequence 61, Appl
5	220.5	12.2	442	7 US-11-246-999-136	Sequence 136, App
6	219	12.1	699	7 US-11-293-697-3322	Sequence 3322, Ap
7	218.5	12.1	1115	6 US-10-196-749-440	Sequence 440, App
8	207	11.5	600	7 US-11-293-697-4457	Sequence 4457, Ap
9	204.5	11.3	439	7 US-11-246-999-145	Sequence 145, App
10	203.5	11.3	807	7 US-11-293-697-4489	Sequence 4489, Ap
11	196.5	10.9	1180	6 US-10-505-928-459	Sequence 459, App
12	187	10.4	600	6 US-10-196-749-586	Sequence 586, App
13	186	10.3	708	6 US-10-196-749-584	Sequence 584, App
14	185.5	10.3	702	6 US-10-538-066-363	Sequence 363, App
15	182	10.1	531	7 US-11-180-855-2	Sequence 2, Appli
16	182	10.1	626	7 US-11-180-855-1	Sequence 1, Appli
17	176.5	9.8	777	7 US-11-293-697-3189	Sequence 3189, Ap
18	176	9.7	637	7 US-11-293-697-3198	Sequence 3198, Ap
19	173.5	9.6	544	6 US-10-196-749-118	Sequence 118, App
20	171.5	9.5	1338	6 US-10-505-928-634	Sequence 634, App
21	171.5	9.5	1338	6 US-10-505-928-857	Sequence 857, App
22	171	9.5	526	6 US-10-505-928-160	Sequence 160, App
23	163.5	9.1	582	7 US-11-301-554-334	Sequence 334, App
24	158.5	8.8	639	7 US-11-246-999-33	Sequence 33, Appl
25	157.5	8.7	697	7 US-11-246-999-149	Sequence 149, App
26	157	8.7	707	7 US-11-293-697-4774	Sequence 4774, Ap
27	150.5	8.3	1298	6 US-10-505-928-274	Sequence 274, App
28	147	8.1	394	6 US-10-538-066-754	Sequence 754, App
29	145	8.0	972	7 US-11-255-147-8	Sequence 8, Appli
30	143	7.9	416	7 US-11-293-697-4389	Sequence 4389, Ap
31	140	7.8	976	6 US-10-511-937-2423	Sequence 2423, Ap
32	136.5	7.6	738	6 US-10-511-937-2418	Sequence 2418, Ap
33	136	7.5	393	7 US-11-246-999-144	Sequence 144, App
34	136	7.5	903	7 US-11-293-697-2977	Sequence 2977, Ap

35	135	7.5	229	7	US-11-246-999-46	Sequence 46, Appl
36	129	7.1	417	6	US-10-505-928-664	Sequence 664, App
37	128	7.1	372	7	US-11-251-465-71	Sequence 71, Appl
38	128	7.1	806	7	US-11-251-465-22	Sequence 22, Appl
39	126.5	7.0	365	6	US-10-505-928-148	Sequence 148, App
40	124	6.9	993	6	US-10-511-937-2463	Sequence 2463, Ap
41	124	6.9	999	6	US-10-196-749-434	Sequence 434, App
42	121	6.7	340	7	US-11-180-855-3	Sequence 3, Appli
43	119.5	6.6	442	7	US-11-246-999-99	Sequence 99, Appl
44	119.5	6.6	462	7	US-11-293-697-3457	Sequence 3457, Ap
45	117	6.5	440	7	US-11-251-465-65	Sequence 65, Appl
46	117	6.5	449	7	US-11-251-465-68	Sequence 68, Appl
47	117	6.5	885	6	US-10-505-928-432	Sequence 432, App
48	117	6.5	885	7	US-11-251-465-20	Sequence 20, Appl
49	117	6.5	894	7	US-11-251-465-21	Sequence 21, Appl
50	115.5	6.4	526	7	US-11-246-999-121	Sequence 121, App

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:25:20 ; Search time 202.63 Seconds
(without alignments)
1570.375 Million cell updates/sec

Title: US-10-657-103-3
Perfect score: 1806
Sequence: 1 MKTIQPKMHNSISWAIFTGL.....RRAGCVWLLPLLVLHLLKF 344

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 2849598 seqs, 925015592 residues

Total number of hits satisfying chosen parameters: 2849598

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : UniProt_7.2:*
1: uniprot_sprot:*
2: uniprot_trembl:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	1797	99.5	344	2 Q5R554_PONPY	Q5r554 pongo pygma
2	1780	98.6	344	2 Q8BG33_MOUSE	Q8bg33 m adult mal
3	1665.5	92.2	344	1 NTRI_HUMAN	Q9p121 homo sapien
4	1647.5	91.2	344	1 NTRI_MOUSE	Q99pj0 mus musculu
5	1641.5	90.9	344	2 Q3TYC2_MOUSE	Q3tyc2 mus musculu
6	1639.5	90.8	344	1 NTRI_RAT	Q62718 rattus norv
7	1636	90.6	345	2 Q58DA5_BOVIN	Q58da5 bos taurus
8	1477.5	81.8	353	1 CEPUI_CHICK	Q90773 gallus gall
9	1428	79.1	313	2 O57596_CHICK	O57596 gallus gall
10	1427.5	79.0	344	2 O93242_CHICK	O93242 gallus gall
11	1357.5	75.2	315	2 Q9DGI5_CHICK	Q9dgi5 gallus gall
12	1306	72.3	337	2 Q6DFY2_MOUSE	Q6dfy2 mus musculu
13	1305	72.3	337	1 OBCAM_CHICK	Q98892 gallus gall
14	1298	71.9	337	2 Q3TYL3_MOUSE	Q3tyl3 mus musculu
15	1295.5	71.7	338	2 Q7Z3W6_HUMAN	Q7z3w6 homo sapien
16	1295.5	71.7	338	2 Q5R7T4_PONPY	Q5r7t4 pongo pygma
17	1276.5	70.7	345	2 Q6GM08_XENLA	Q6gm08 xenopus lae
18	1275.5	70.6	344	2 Q9DF61_CHICK	Q9df61 gallus gall
19	1274	70.5	336	2 Q5ISA8_9PRIM	Q5isa8 saimiri bol
20	1270.5	70.3	344	2 Q6B0I4_HUMAN	Q6b0i4 homo sapien
21	1268	70.2	345	1 OPCM_HUMAN	Q14982 homo sapien
22	1268	70.2	345	1 OPCM_PANTR	Q5is61 pan troglod
23	1266	70.1	345	1 OPCM_BOVIN	P11834 bos taurus
24	1259	69.7	345	1 OPCM_RAT	P32736 rattus norv
25	1251.5	69.3	319	2 Q5ISM6_MACFA	Q5ism6 macaca fasc
26	1137	63.0	231	2 Q3USC2_MOUSE	Q3usc2 m 10 days n
27	993.5	55.0	342	2 Q642G9_BRARE	Q642g9 brachydanio
28	946	52.4	334	2 O02870_CHICK	O02870 gallus gall
29	938.5	52.0	338	1 LSAMP_CHICK	Q98919 gallus gall
30	931.5	51.6	338	1 LSAMP_HUMAN	Q13449 homo sapien
31	930.5	51.5	350	2 O02869_CHICK	O02869 gallus gall
32	926.5	51.3	338	1 LSAMP_RAT	Q62813 rattus norv
33	926.5	51.3	338	2 Q3TYE5_MOUSE	Q3tye5 mus musculu
34	913	50.6	361	2 Q5M960_RAT	Q5m960 rattus norv
35	904	50.1	337	2 Q6GLZ7_XENLA	Q6glz7 xenopus lae
36	894	49.5	341	1 LSAMP_MOUSE	Q8blk3 mus musculu
37	868	48.1	341	2 Q503N3_BRARE	Q503n3 brachydanio
38	868	48.1	375	2 Q2WF53_BRARE	Q2wf53 brachydanio
39	842	46.6	352	1 NEGR1_CHICK	Q9w6v2 gallus gall
40	824	45.6	354	1 NEGR1_PONPY	Q5r412 pongo pygma

41	823	45.6	354	1	NEGR1_HUMAN	Q7z3b1	homo sapien
42	815	45.1	348	1	NEGR1_RAT	Q9z0j8	rattus norv
43	814	45.1	348	1	NEGR1_MOUSE	Q80z24	mus musculu
44	761	42.1	287	2	Q4SL89_TETNG	Q4sl89	tetraodon n
45	759	42.0	325	2	Q8HW98_MOUSE	Q8hw98	mus musculu
46	724.5	40.1	312	2	Q4SUX1_TETNG	Q4sux1	tetraodon n
47	686.5	38.0	188	2	Q8BMT5_MOUSE	Q8bmt5	mus musculu
48	642	35.5	343	2	Q4SDU6_TETNG	Q4sdu6	tetraodon n
49	545.5	30.2	226	2	Q8N440_HUMAN	Q8n440	homo sapien
50	518.5	28.7	227	2	Q568D3_BRARE	Q568d3	brachydanio

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:25:01 ; Search time 219.148 Seconds
(without alignments)
653.024 Million cell updates/sec

Title: US-10-657-103-4
Perfect score: 1642
Sequence: 1 RSGDATFPKAMDNVTVRQGE.....RRAGCVWLLPLLVLHLLKKF 313

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 2589679 seqs, 457216429 residues

Total number of hits satisfying chosen parameters: 2589679

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1000 summaries

Database : A Geneseq 8:*

- 1: geneseqp1980s:*
- 2: geneseqp1990s:*
- 3: geneseqp2000s:*
- 4: geneseqp2001s:*
- 5: geneseqp2002s:*
- 6: geneseqp2003as:*
- 7: geneseqp2003bs:*
- 8: geneseqp2004s:*
- 9: geneseqp2005s:*
- 10: geneseqp2006s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query			DB ID	Description
		Match	Length			
1	1642	100.0	313	3	AA57602	Aay57602 Human pro
2	1642	100.0	344	3	AA57601	Aay57601 Human pro
3	1642	100.0	344	3	AB44329	Aab44329 Human PRO
4	1642	100.0	344	4	AB31204	Aab31204 Amino aci
5	1642	100.0	344	4	AA12359	Aau12359 Human PRO
6	1642	100.0	344	4	AM38713	Aam38713 Human pol
7	1642	100.0	344	5	AA83654	Aau83654 Human PRO
8	1642	100.0	344	5	AB84844	Abb84844 Human PRO
9	1642	100.0	344	5	AB95450	Abb95450 Human ang
10	1642	100.0	344	5	ADY31866	Ady31866 Novel hum
11	1642	100.0	344	6	AB17803	Abol7803 Novel hum
12	1642	100.0	344	6	ABU80801	Abu80801 Human PRO
13	1642	100.0	344	6	ABO25175	Abo25175 Novel hum
14	1642	100.0	344	6	ABO25275	Abo25275 Novel hum
15	1642	100.0	344	6	ABO33767	Abo33767 Novel hum
16	1642	100.0	344	6	ABU81057	Abu81057 Human PRO
17	1642	100.0	344	6	ABJ20227	Abj20227 Human IG
18	1642	100.0	344	6	ABU72281	Abu72281 Novel hum
19	1642	100.0	344	6	ABU56719	Abu56719 Lung canc
20	1642	100.0	344	6	ABU66757	Abu66757 Human PRO
21	1642	100.0	344	6	ABU67293	Abu67293 Novel hum
22	1642	100.0	344	6	ABU84961	Abu84961 Human sec
23	1642	100.0	344	6	ABU59838	Abu59838 Novel sec
24	1642	100.0	344	6	ABU61159	Abu61159 Human PRO
25	1642	100.0	344	6	ABO25028	Abo25028 Human sec
26	1642	100.0	344	6	ABU72061	Abu72061 Novel hum
27	1642	100.0	344	6	ABU67162	Abu67162 Novel hum
28	1642	100.0	344	6	ABU80428	Abu80428 Human sec
29	1642	100.0	344	6	ABU82110	Abu82110 Novel hum
30	1642	100.0	344	6	ABU67033	Abu67033 Human sec
31	1642	100.0	344	6	ABU79804	Abu79804 Human sec
32	1642	100.0	344	6	ADA45895	Ada45895 Novel hum

33	1642	100.0	344	6	ADA76326	Ada76326	Human	PRO
34	1642	100.0	344	6	ABJ72290	Abj72290	Human	PRO
35	1642	100.0	344	6	ADA18976	Ada18976	Human	PRO
36	1642	100.0	344	6	ADA61599	Ada61599	Homo sapi	
37	1642	100.0	344	6	ADB19384	Adb19384	Novel	hum
38	1642	100.0	344	6	ADB27925	Adb27925	Human	PRO
39	1642	100.0	344	6	ADA86404	Ada86404	Novel	hum
40	1642	100.0	344	6	ADB15968	Adb15968	Human	PRO
41	1642	100.0	344	6	ADA47754	Ada47754	Human	PRO
42	1642	100.0	344	6	ADA67549	Ada67549	Human	PRO
43	1642	100.0	344	6	ADB30556	Adb30556	Human	PRO
44	1642	100.0	344	6	ADA85852	Ada85852	Novel	hum
45	1642	100.0	344	6	ADA97064	Ada97064	Human	PRO
46	1642	100.0	344	6	ADA79368	Ada79368	Human	PRO
47	1642	100.0	344	6	ADA87507	Ada87507	Novel	hum
48	1642	100.0	344	6	ADB16709	Adb16709	Human	PRO
49	1642	100.0	344	6	ADA91801	Ada91801	Novel	hum
50	1642	100.0	344	6	ADB14864	Adb14864	Human	PRO
51	1642	100.0	344	6	ADA25062	Ada25062	Novel	hum
52	1642	100.0	344	6	ADA47276	Ada47276	Human	sec
53	1642	100.0	344	6	ADB18825	Adb18825	Novel	hum
54	1642	100.0	344	6	ADA94040	Ada94040	Human	PRO
55	1642	100.0	344	6	ADB19936	Adb19936	Novel	hum
56	1642	100.0	344	6	ADB13248	Adb13248	Human	PRO
57	1642	100.0	344	6	ABO43336	Abo43336	Novel	hum
58	1642	100.0	344	6	ABO19730	Abo19730	Novel	hum
59	1642	100.0	344	6	ADA12723	Ada12723	Human	sec
60	1642	100.0	344	6	ADA74502	Ada74502	Human	PRO
61	1642	100.0	344	6	ADB24735	Adb24735	Human	PRO
62	1642	100.0	344	6	ADA82259	Ada82259	Human	PRO
63	1642	100.0	344	6	ADA75222	Ada75222	Human	PRO
64	1642	100.0	344	6	ADA85300	Ada85300	Novel	hum
65	1642	100.0	344	6	ADA84748	Ada84748	Novel	hum
66	1642	100.0	344	6	ADB30004	Adb30004	Human	PRO
67	1642	100.0	344	6	ADA80532	Ada80532	Human	PRO
68	1642	100.0	344	6	ADA75774	Ada75774	Human	PRO
69	1642	100.0	344	6	ADA46999	Ada46999	Human	PRO
70	1642	100.0	344	6	ADB25295	Adb25295	Human	PRO
71	1642	100.0	344	6	ADA93471	Ada93471	Human	PRO
72	1642	100.0	344	6	ADB26821	Adb26821	Human	PRO
73	1642	100.0	344	6	ADB31108	Adb31108	Human	PRO
74	1642	100.0	344	6	ABJ72418	Abj72418	Human	PRO
75	1642	100.0	344	6	ADA61036	Ada61036	Homo sapi	
76	1642	100.0	344	6	ADB24183	Adb24183	Human	PRO
77	1642	100.0	344	6	ADA96512	Ada96512	Human	PRO
78	1642	100.0	344	6	ADA81084	Ada81084	Human	PRO
79	1642	100.0	344	6	ADA95960	Ada95960	Human	PRO
80	1642	100.0	344	6	ADB26269	Adb26269	Human	PRO
81	1642	100.0	344	6	ADB21754	Adb21754	Novel	hum
82	1642	100.0	344	6	ABO34313	Abo34313	Human	sec
83	1642	100.0	344	6	ABO19621	Abo19621	Novel	hum
84	1642	100.0	344	7	ADA77533	Ada77533	Human	PRO
85	1642	100.0	344	7	ADB18273	Adb18273	Human	PRO
86	1642	100.0	344	7	ADA86956	Ada86956	Novel	hum
87	1642	100.0	344	7	ADA88059	Ada88059	Novel	hum
88	1642	100.0	344	7	ADA46447	Ada46447	Novel	hum
89	1642	100.0	344	7	ADB28477	Adb28477	Human	PRO
90	1642	100.0	344	7	ADB29029	Adb29029	Human	PRO
91	1642	100.0	344	7	ADA76981	Ada76981	Human	PRO
92	1642	100.0	344	7	ADA88611	Ada88611	Novel	hum
93	1642	100.0	344	7	ADA97616	Ada97616	Human	PRO
94	1642	100.0	344	7	ADB27373	Adb27373	Human	PRO
95	1642	100.0	344	7	ADB22306	Adb22306	Novel	hum
96	1642	100.0	344	7	ABO19862	Abo19862	Human	sec
97	1642	100.0	344	7	ABJ72120	Abj72120	Human	mem
98	1642	100.0	344	7	ADA66997	Ada66997	Human	PRO
99	1642	100.0	344	7	ADB22858	Adb22858	Human	PRO
100	1642	100.0	344	7	ADB23631	Adb23631	Human	PRO
101	1642	100.0	344	7	ADA92353	Ada92353	Novel	hum
102	1642	100.0	344	7	ADB15416	Adb15416	Human	PRO
103	1642	100.0	344	7	ADB83616	Adb83616	Novel	hum
104	1642	100.0	344	7	ADB80722	Adb80722	Novel	hum
105	1642	100.0	344	7	ADB73263	Adb73263	Novel	hum
106	1642	100.0	344	7	ADB38668	Adb38668	Novel	hum
107	1642	100.0	344	7	ADB78345	Adb78345	Novel	hum
108	1642	100.0	344	7	ADB38116	Adb38116	Novel	hum
109	1642	100.0	344	7	ADB66588	Adb66588	Novel	hum
110	1642	100.0	344	7	ADB84993	Adb84993	Human	PRO
111	1642	100.0	344	7	ADB89668	Adb89668	Human	PRO
112	1642	100.0	344	7	ADB90400	Adb90400	Human	PRO
113	1642	100.0	344	7	ADB39501	Adb39501	Novel	hum

114	1642	100.0	344	7	ADB78099	Adb78099	Novel	hum
115	1642	100.0	344	7	ADB74029	Adb74029	Human	PRO
116	1642	100.0	344	7	ADB87165	Adb87165	Human	PRO
117	1642	100.0	344	7	ADB84747	Adb84747	Human	PRO
118	1642	100.0	344	7	ADB47124	Adb47124	Novel	hum
119	1642	100.0	344	7	ADB83862	Adb83862	Novel	hum
120	1642	100.0	344	7	ADB86731	Adb86731	Human	PRO
121	1642	100.0	344	7	ADB73017	Adb73017	Novel	hum
122	1642	100.0	344	7	ADB76745	Adb76745	Human	PRO
123	1642	100.0	344	7	ADB77336	Adb77336	Novel	hum
124	1642	100.0	344	7	ADB34493	Adb34493	Human	PRO
125	1642	100.0	344	7	ADB35597	Adb35597	Human	PRO
126	1642	100.0	344	7	ADB33941	Adb33941	Human	PRO
127	1642	100.0	344	7	ADB35045	Adb35045	Human	PRO
128	1642	100.0	344	7	ADB36149	Adb36149	Human	PRO
129	1642	100.0	344	7	ADB46544	Adb46544	Novel	hum
130	1642	100.0	344	7	ADC44171	Adc44171	Human	sec
131	1642	100.0	344	7	ADC61931	Adc61931	Human	sec
132	1642	100.0	344	7	ADC63895	Adc63895	Human	sec
133	1642	100.0	344	7	ADC66995	Adc66995	Human	sec
134	1642	100.0	344	7	ADC69119	Adc69119	Human	sec
135	1642	100.0	344	7	ADC63179	Adc63179	Human	sec
136	1642	100.0	344	7	ADC68244	Adc68244	Human	sec
137	1642	100.0	344	7	ADC41564	Adc41564	Human	sec
138	1642	100.0	344	7	ADC67619	Adc67619	Human	sec
139	1642	100.0	344	7	ADC62555	Adc62555	Human	sec
140	1642	100.0	344	7	ADC36855	Adc36855	Human	PRO
141	1642	100.0	344	7	ADC42188	Adc42188	Human	sec
142	1642	100.0	344	7	ADC21845	Adc21845	Human	PRO
143	1642	100.0	344	7	ADC50417	Adc50417	Novel	hum
144	1642	100.0	344	7	ADC71964	Adc71964	Novel	hum
145	1642	100.0	344	7	ADC59943	Adc59943	Novel	hum
146	1642	100.0	344	7	ADC49876	Adc49876	Novel	hum
147	1642	100.0	344	7	ADC49075	Adc49075	Novel	hum
148	1642	100.0	344	7	ADC49592	Adc49592	Novel	hum
149	1642	100.0	344	7	ADC47453	Adc47453	Novel	hum
150	1642	100.0	344	7	ADC52950	Adc52950	Novel	hum
151	1642	100.0	344	7	ADC57304	Adc57304	Novel	hum
152	1642	100.0	344	7	ADC60495	Adc60495	Novel	hum
153	1642	100.0	344	7	ADC50970	Adc50970	Novel	hum
154	1642	100.0	344	7	ADC65497	Adc65497	Human	PRO
155	1642	100.0	344	7	ADC54595	Adc54595	Novel	hum
156	1642	100.0	344	7	ADC53556	Adc53556	Novel	hum
157	1642	100.0	344	7	ADC59079	Adc59079	Novel	hum
158	1642	100.0	344	7	ADC55957	Adc55957	Novel	hum
159	1642	100.0	344	7	ADC58527	Adc58527	Novel	hum
160	1642	100.0	344	7	ADC47198	Adc47198	Novel	hum
161	1642	100.0	344	7	ADD03201	Add03201	Novel	hum
162	1642	100.0	344	7	ADC90193	Adc90193	Novel	hum
163	1642	100.0	344	7	ADC69612	Adc69612	Human	PRO
164	1642	100.0	344	7	ADC48501	Adc48501	Human	PRO
165	1642	100.0	344	7	ADD10030	Add10030	Human	PRO
166	1642	100.0	344	7	ADC78073	Adc78073	Novel	hum
167	1642	100.0	344	7	ADD04605	Add04605	Novel	hum
168	1642	100.0	344	7	ADD06308	Add06308	Novel	hum
169	1642	100.0	344	7	ADC80561	Adc80561	Novel	hum
170	1642	100.0	344	7	ADD11068	Add11068	Human	PRO
171	1642	100.0	344	7	ADD10345	Add10345	Human	sec
172	1642	100.0	344	7	ADC47949	Adc47949	Human	PRO
173	1642	100.0	344	7	ADC77827	Adc77827	Novel	hum
174	1642	100.0	344	7	ADC80009	Adc80009	Novel	hum
175	1642	100.0	344	7	ADD11305	Add11305	Human	sec
176	1642	100.0	344	7	ADD09478	Add09478	Human	PRO
177	1642	100.0	344	7	ADD50790	Add50790	Novel	hum
178	1642	100.0	344	7	ADD41191	Add41191	Novel	hum
179	1642	100.0	344	7	ADD52330	Add52330	Human	PRO
180	1642	100.0	344	7	ADD51036	Add51036	Novel	hum
181	1642	100.0	344	7	ADD53070	Add53070	Human	PRO
182	1642	100.0	344	7	ADD53622	Add53622	Novel	hum
183	1642	100.0	344	7	ADD37098	Add37098	Human	sec
184	1642	100.0	344	7	ADD51778	Add51778	Human	PRO
185	1642	100.0	344	7	ADD02577	Add02577	Human	PRO
186	1642	100.0	344	7	ADD50517	Add50517	Human	PRO
187	1642	100.0	344	7	ADD02011	Add02011	Human	PRO
188	1642	100.0	344	7	ADD54193	Add54193	Novel	hum
189	1642	100.0	344	7	ADD50271	Add50271	Human	PRO
190	1642	100.0	344	7	ADD51282	Add51282	Novel	hum
191	1642	100.0	344	7	ADE49557	Ade49557	Human	sec
192	1642	100.0	344	7	ADD92510	Add92510	Human	PRO
193	1642	100.0	344	7	ADD91406	Add91406	Human	PRO
194	1642	100.0	344	7	ADE04020	Ade04020	Human	PRO

195	1642	100.0	344	7	ADE32317	Ade32317	Novel	hum
196	1642	100.0	344	7	ADE22249	Ade22249	Human	PRO
197	1642	100.0	344	7	ADD79473	Add79473	Human	PRO
198	1642	100.0	344	7	ADE35611	Ade35611	Human	sec
199	1642	100.0	344	7	ADE16725	Ade16725	Human	sec
200	1642	100.0	344	7	ADD73340	Add73340	Human	sec
201	1642	100.0	344	7	ADE42009	Ade42009	Human	PRO
202	1642	100.0	344	7	ADE17826	Ade17826	Human	PRO
203	1642	100.0	344	7	ADD91958	Add91958	Human	PRO
204	1642	100.0	344	7	ADE33421	Ade33421	Novel	hum
205	1642	100.0	344	7	ADE33973	Ade33973	Novel	hum
206	1642	100.0	344	7	ADD80025	Add80025	Human	PRO
207	1642	100.0	344	7	ADD93062	Add93062	Human	PRO
208	1642	100.0	344	7	ADD72698	Add72698	Human	sec
209	1642	100.0	344	7	ADE19482	Ade19482	Human	PRO
210	1642	100.0	344	7	ADE18930	Ade18930	Human	PRO
211	1642	100.0	344	7	ADE43126	Ade43126	Human	PRO
212	1642	100.0	344	7	ADD95915	Add95915	Human	PRO
213	1642	100.0	344	7	ADE22801	Ade22801	Human	PRO
214	1642	100.0	344	7	ADD78919	Add78919	Human	PRO
215	1642	100.0	344	7	ADE32869	Ade32869	Novel	hum
216	1642	100.0	344	7	ADE42561	Ade42561	Human	PRO
217	1642	100.0	344	7	ADE17349	Ade17349	Human	sec
218	1642	100.0	344	7	ADD80577	Add80577	Human	PRO
219	1642	100.0	344	7	ADD89605	Add89605	Human	PRO
220	1642	100.0	344	7	ADE40889	Ade40889	Human	PRO
221	1642	100.0	344	7	ADE04688	Ade04688	Human	PRO
222	1642	100.0	344	7	ADE92817	Ade92817	Human	PRO
223	1642	100.0	344	7	ADF47363	Adf47363	Human	sec
224	1642	100.0	344	7	ADG21526	Adg21526	Novel	hum
225	1642	100.0	344	7	ADG23167	Adg23167	Novel	hum
226	1642	100.0	344	7	ADF97502	Adf97502	Human	PRO
227	1642	100.0	344	7	ADG63209	Adg63209	Human	neu
228	1642	100.0	344	7	ADG80566	Adg80566	Human	PRO
229	1642	100.0	344	7	ADG53120	Adg53120	Human	sec
230	1642	100.0	344	7	ADG60440	Adg60440	Human	sec
231	1642	100.0	344	7	ADG80014	Adg80014	Human	PRO
232	1642	100.0	344	7	ADG63785	Adg63785	Human	sec
233	1642	100.0	344	7	ADH55306	Adh55306	Novel	hum
234	1642	100.0	344	7	ADH55858	Adh55858	Novel	hum
235	1642	100.0	344	7	ADI61200	Adi61200	Human	sec
236	1642	100.0	344	7	ADI64077	Adi64077	Novel	hum
237	1642	100.0	344	7	ADI65026	Adi65026	Novel	hum
238	1642	100.0	344	7	ADI63525	Adi63525	Novel	hum
239	1642	100.0	344	7	ADH81939	Adh81939	Novel	hum
240	1642	100.0	344	7	ADH81387	Adh81387	Novel	hum
241	1642	100.0	344	7	ADM82556	Adm82556	Novel	hum
242	1642	100.0	344	7	ADN15955	Adn15955	Novel	hum
243	1642	100.0	344	7	ADN16584	Adn16584	Novel	hum
244	1642	100.0	344	7	ADN39138	Adn39138	Cancer/an	
245	1642	100.0	344	7	ADN15403	Adn15403	Novel	hum
246	1642	100.0	344	7	ADN14851	Adn14851	Novel	hum
247	1642	100.0	344	8	ADC48829	Adc48829	Novel	hum
248	1642	100.0	344	8	ADC81113	Adc81113	Novel	hum
249	1642	100.0	344	8	ADE21000	Ade21000	Novel	hum
250	1642	100.0	344	8	ADE05844	Ade05844	Human	PRO
251	1642	100.0	344	8	ADD76561	Add76561	Human	PRO
252	1642	100.0	344	8	ADD75073	Add75073	Human	PRO
253	1642	100.0	344	8	ADD75819	Add75819	Novel	hum
254	1642	100.0	344	8	ADD85051	Add85051	Novel	hum
255	1642	100.0	344	8	ADD86877	Add86877	Novel	hum
256	1642	100.0	344	8	ADE20754	Ade20754	Novel	hum
257	1642	100.0	344	8	ADE39051	Ade39051	Novel	hum
258	1642	100.0	344	8	ADD87925	Add87925	Human	PRO
259	1642	100.0	344	8	ADD86329	Add86329	Human	PRO
260	1642	100.0	344	8	ADE05598	Ade05598	Human	PRO
261	1642	100.0	344	8	ADD73583	Add73583	Human	PRO
262	1642	100.0	344	8	ADE75777	Ade75777	Human	PRO
263	1642	100.0	344	8	ADE48857	Ade48857	Human	sec
264	1642	100.0	344	8	ADD78423	Add78423	Novel	hum
265	1642	100.0	344	8	ADE41306	Ade41306	Human	sec
266	1642	100.0	344	8	ADE23353	Ade23353	Human	PRO
267	1642	100.0	344	8	ADE21246	Ade21246	Novel	hum
268	1642	100.0	344	8	ADD77361	Add77361	Novel	hum
269	1642	100.0	344	8	ADE20508	Ade20508	Novel	hum
270	1642	100.0	344	8	ADD75573	Add75573	Human	PRO
271	1642	100.0	344	8	ADD74089	Add74089	Human	PRO
272	1642	100.0	344	8	ADD74335	Add74335	Human	PRO
273	1642	100.0	344	8	ADD76065	Add76065	Novel	hum
274	1642	100.0	344	8	ADD85557	Add85557	Novel	hum
275	1642	100.0	344	8	ADE23905	Ade23905	Human	PRO

276	1642	100.0	344	8	ADE24548	Ade24548	Human	PRO
277	1642	100.0	344	8	ADD87373	Add87373	Human	PRO
278	1642	100.0	344	8	ADE05106	Ade05106	Human	PRO
279	1642	100.0	344	8	ADD75319	Add75319	Human	PRO
280	1642	100.0	344	8	ADD76863	Add76863	Novel	hum
281	1642	100.0	344	8	ADD86631	Add86631	Novel	hum
282	1642	100.0	344	8	ADE89239	Ade89239	Human	PRO
283	1642	100.0	344	8	ADE41199	Ade41199	Human	sec
284	1642	100.0	344	8	ADD78099	Add78099	Novel	hum
285	1642	100.0	344	8	ADE18378	Ade18378	Human	PRO
286	1642	100.0	344	8	ADE88687	Ade88687	Human	PRO
287	1642	100.0	344	8	ADE89958	Ade89958	Human	sec
288	1642	100.0	344	8	ADD77607	Add77607	Novel	hum
289	1642	100.0	344	8	ADD77853	Add77853	Novel	hum
290	1642	100.0	344	8	ADD85311	Add85311	Novel	hum
291	1642	100.0	344	8	ADD73843	Add73843	Human	PRO
292	1642	100.0	344	8	ADD74581	Add74581	Human	PRO
293	1642	100.0	344	8	ADD77109	Add77109	Novel	hum
294	1642	100.0	344	8	ADD85803	Add85803	Novel	hum
295	1642	100.0	344	8	ADE05352	Ade05352	Human	PRO
296	1642	100.0	344	8	ADD74827	Add74827	Human	PRO
297	1642	100.0	344	8	ADF61598	Adf61598	Human	sec
298	1642	100.0	344	8	ADF40290	Adf40290	Human	sec
299	1642	100.0	344	8	ADF46086	Adf46086	Human	sec
300	1642	100.0	344	8	ADE94707	Ade94707	Human	PRO
301	1642	100.0	344	8	ADE91118	Ade91118	Human	PRO
302	1642	100.0	344	8	ADE95259	Ade95259	Human	PRO
303	1642	100.0	344	8	ADE93369	Ade93369	Human	PRO
304	1642	100.0	344	8	ADF24482	Adf24482	Human	sec
305	1642	100.0	344	8	ADF40914	Adf40914	Human	sec
306	1642	100.0	344	8	ADF23858	Adf23858	Human	sec
307	1642	100.0	344	8	ADF33841	Adf33841	Human	sec
308	1642	100.0	344	8	ADF34950	Adf34950	Human	PRO
309	1642	100.0	344	8	ADF27308	Adf27308	Human	sec
310	1642	100.0	344	8	ADF27944	Adf27944	Human	sec
311	1642	100.0	344	8	ADE92265	Ade92265	Novel	hum
312	1642	100.0	344	8	ADE90566	Ade90566	Human	PRO
313	1642	100.0	344	8	ADF41538	Adf41538	Human	sec
314	1642	100.0	344	8	ADF33217	Adf33217	Human	sec
315	1642	100.0	344	8	ADF25583	Adf25583	Human	sec
316	1642	100.0	344	8	ADF26684	Adf26684	Human	sec
317	1642	100.0	344	8	ADF34473	Adf34473	Human	sec
318	1642	100.0	344	8	ADF46710	Adf46710	Human	sec
319	1642	100.0	344	8	ADE91713	Ade91713	Novel	hum
320	1642	100.0	344	8	ADG05639	Adg05639	Novel	hum
321	1642	100.0	344	8	ADG27193	Adg27193	Human	PRO
322	1642	100.0	344	8	ADG02292	Adg02292	Human	PRO
323	1642	100.0	344	8	ADG22078	Adg22078	Novel	hum
324	1642	100.0	344	8	ADG20148	Adg20148	Human	PRO
325	1642	100.0	344	8	ADF98054	Adf98054	Human	PRO
326	1642	100.0	344	8	ADG24271	Adg24271	Novel	hum
327	1642	100.0	344	8	ADF98625	Adf98625	Human	PRO
328	1642	100.0	344	8	ADG03456	Adg03456	Human	PRO
329	1642	100.0	344	8	ADF99177	Adf99177	Human	PRO
330	1642	100.0	344	8	ADG16762	Adg16762	Human	PRO
331	1642	100.0	344	8	ADG05221	Adg05221	Human	PRO
332	1642	100.0	344	8	ADG19488	Adg19488	Human	PRO
333	1642	100.0	344	8	ADG11256	Adg11256	Novel	hum
334	1642	100.0	344	8	ADG13325	Adg13325	Human	PRO
335	1642	100.0	344	8	ADG08382	Adg08382	Novel	hum
336	1642	100.0	344	8	ADG15552	Adg15552	Human	PRO
337	1642	100.0	344	8	ADG12035	Adg12035	Novel	hum
338	1642	100.0	344	8	ADF96950	Adf96950	Human	PRO
339	1642	100.0	344	8	ADG06135	Adg06135	Human	PRO
340	1642	100.0	344	8	ADG23719	Adg23719	Novel	hum
341	1642	100.0	344	8	ADG04008	Adg04008	Human	PRO
342	1642	100.0	344	8	ADG24909	Adg24909	Novel	hum
343	1642	100.0	344	8	ADF94592	Adf94592	Novel	hum
344	1642	100.0	344	8	ADG07206	Adg07206	Novel	hum
345	1642	100.0	344	8	ADG07758	Adg07758	Novel	hum
346	1642	100.0	344	8	ADG06688	Adg06688	Human	PRO
347	1642	100.0	344	8	ADG55253	Adg55253	Novel	hum
348	1642	100.0	344	8	ADG60917	Adg60917	Novel	hum
349	1642	100.0	344	8	ADG62021	Adg62021	Novel	hum
350	1642	100.0	344	8	ADG82222	Adg82222	Human	PRO
351	1642	100.0	344	8	ADG57461	Adg57461	Novel	hum
352	1642	100.0	344	8	ADG56909	Adg56909	Novel	hum
353	1642	100.0	344	8	ADG55805	Adg55805	Novel	hum
354	1642	100.0	344	8	ADG58565	Adg58565	Novel	hum
355	1642	100.0	344	8	ADG70931	Adg70931	Novel	hum
356	1642	100.0	344	8	ADH39032	Adh39032	Novel	hum

357	1642	100.0	344	8	ADG58013	Adg58013	Novel	hum
358	1642	100.0	344	8	ADG53597	Adg53597	Novel	hum
359	1642	100.0	344	8	ADG71483	Adg71483	Novel	hum
360	1642	100.0	344	8	ADG50696	Adg50696	Human	sec
361	1642	100.0	344	8	ADG81670	Adg81670	Human	PRO
362	1642	100.0	344	8	ADH30632	Adh30632	Human	PRO
363	1642	100.0	344	8	ADG63634	Adg63634	Human	sec
364	1642	100.0	344	8	ADH11999	Adh11999	Novel	hum
365	1642	100.0	344	8	ADG50072	Adg50072	Human	sec
366	1642	100.0	344	8	ADG51944	Adg51944	Human	sec
367	1642	100.0	344	8	ADG52421	Adg52421	Novel	hum
368	1642	100.0	344	8	ADG54149	Adg54149	Novel	hum
369	1642	100.0	344	8	ADG49448	Adg49448	Human	sec
370	1642	100.0	344	8	ADG81118	Adg81118	Human	PRO
371	1642	100.0	344	8	ADG56357	Adg56357	Novel	hum
372	1642	100.0	344	8	ADH12623	Adh12623	Novel	hum
373	1642	100.0	344	8	ADG48824	Adg48824	Human	sec
374	1642	100.0	344	8	ADG61469	Adg61469	Novel	hum
375	1642	100.0	344	8	ADH28556	Adh28556	Human	PRO
376	1642	100.0	344	8	ADG54701	Adg54701	Novel	hum
377	1642	100.0	344	8	ADG59741	Adg59741	Novel	hum
378	1642	100.0	344	8	ADG51320	Adg51320	Human	sec
379	1642	100.0	344	8	ADH43489	Adh43489	Human	PRO
380	1642	100.0	344	8	ADG59264	Adg59264	Human	sec
381	1642	100.0	344	8	ADG34122	Adg34122	Novel	hum
382	1642	100.0	344	8	ADG62720	Adg62720	Human	sec
383	1642	100.0	344	8	ADI81165	Adi81165	Human	PRO
384	1642	100.0	344	8	ADI33592	Adi33592	Human	PRO
385	1642	100.0	344	8	ADH69686	Adh69686	Human	PRO
386	1642	100.0	344	8	ADH25745	Adh25745	Human	PRO
387	1642	100.0	344	8	ADG09908	Adg09908	Novel	hum
388	1642	100.0	344	8	ADI15379	Adi15379	Novel	hum
389	1642	100.0	344	8	ADG09256	Adg09256	Novel	hum
390	1642	100.0	344	8	ADI14711	Adi14711	Novel	hum
391	1642	100.0	344	8	ADI29847	Adi29847	Novel	hum
392	1642	100.0	344	8	ADI18306	Adi18306	Novel	hum
393	1642	100.0	344	8	ADM27244	Adm27244	Novel	hum
394	1642	100.0	344	8	ADJ63587	Adj63587	Novel	hum
395	1642	100.0	344	8	ADJ77482	Adj77482	Human	PRO
396	1642	100.0	344	8	ADK82834	Adk82834	Human	PRO
397	1642	100.0	344	8	ADK66602	Adk66602	Human	PRO
398	1642	100.0	344	8	ADJ65604	Adj65604	Human	PRO
399	1642	100.0	344	8	ADM27740	Adm27740	Human	PRO
400	1642	100.0	344	8	ADM17522	Adm17522	Human	sec
401	1642	100.0	344	8	ADL07356	Adl07356	Human	sec
402	1642	100.0	344	8	ADM42464	Adm42464	Human	PRO
403	1642	100.0	344	8	ADM28326	Adm28326	Human	PRO
404	1642	100.0	344	8	ADI95808	Adi95808	Human	PRO
405	1642	100.0	344	8	ADI96360	Adi96360	Novel	hum
406	1642	100.0	344	8	ADS32312	Ads32312	Novel	hum
407	1642	100.0	344	8	ADT03296	Adt03296	Human	PRO
408	1642	100.0	344	8	ADU50478	Adu50478	PRO337, S	
409	1642	100.0	344	9	ADW49757	Adw49757	PRO337 pr	
410	1642	100.0	344	9	ADZ03347	Adz03347	Human	sec
411	1642	100.0	344	9	ADZ52418	Adz52418	Human	sec
412	1642	100.0	344	9	AEB14093	Aeb14093	Cancer ce	
413	1642	100.0	344	9	AED48246	Aed48246	Human	PRO
414	1642	100.0	344	9	AED86291	Aed86291	Human	PRO
415	1642	100.0	355	4	AAM40499	Aam40499	Human	pol
416	1642	100.0	355	7	ADI21580	Adi21580	Novel	hum
417	1635	99.6	344	3	AAB19722	Aab19722	Human	SEC
418	1635	99.6	344	3	AAB19721	Aab19721	Human	SEC
419	1635	99.6	344	7	ADD18291	Add18291	Human	mol
420	1635	99.6	344	7	ADD18289	Add18289	Human	mol
421	1627.5	99.1	343	2	AAY41773	Aay41773	Human	PRO
422	1626.5	99.1	355	7	ADG63211	Adg63211	Human	neu
423	1626.5	99.1	355	7	ADI35770	Adi35770	Human	neu
424	1622	98.8	381	5	AAU79205	Aau79205	Human	Kru
425	1620.5	98.7	367	7	ADG63213	Adg63213	Human	neu
426	1616	98.4	344	7	ADI35772	Adi35772	Rat	neuro
427	1616	98.4	376	7	ADG63215	Adg63215	Human	neu
428	1295	78.9	250	8	ADO47380	Ado47380	Human	neu
429	1244.5	75.8	338	7	ADE07928	Ade07928	Novel	pro
430	1244.5	75.8	345	6	ABJ20236	Abj20236	Human	IG
431	1244.5	75.8	345	7	ADE83448	Ade83448	Human	Pro
432	1244.5	75.8	345	7	ADG63207	Adg63207	Opioid-bi	
433	1244.5	75.8	345	9	ADV73205	Adv73205	Human	col
434	1235.5	75.2	345	7	ADE83446	Ade83446	Rat	Prote
435	907	55.2	335	5	AAO19641	Aao19641	Human	lim
436	906	55.2	338	6	ABJ20235	Abj20235	Human	IG
437	906	55.2	338	8	ADL12675	Adl12675	Human	ste

438	906	55.2	338	9	ADX26265	Adx26265	Novel cel
439	901	54.9	310	2	AAW05156	Aaw05156	Rat matur
440	901	54.9	338	2	AAW05153	Aaw05153	Rat LAMP
441	901	54.9	338	2	AAW05154	Aaw05154	Rat LAMP
442	901	54.9	338	9	ADX26409	Adx26409	Novel cel
443	900	54.8	334	9	AEA26105	Aea26105	Human ren
444	898	54.7	304	2	AAW05155	Aaw05155	Human mat
445	898	54.7	325	2	AAW05152	Aaw05152	Human LAM
446	887.5	54.0	361	2	AAW05172	Aaw05172	Rat LAMP
447	882.5	53.7	287	2	AAW05159	Aaw05159	Human LAM
448	882.5	53.7	308	2	AAW05157	Aaw05157	Human LAM
449	881.5	53.7	287	2	AAW05160	Aaw05160	Rat LAMP
450	881.5	53.7	315	2	AAW05158	Aaw05158	Rat LAMP
451	868.5	52.9	341	9	ADX26335	Adx26335	Novel cel
452	867.5	52.8	383	6	ABR39441	Abr39441	Human GEN
453	852.5	51.9	326	4	AAG75020	Aag75020	Human col
454	850	51.8	203	7	ADM47275	Adm47275	Oestrogen
455	814	49.6	354	4	AAB31212	Aab31212	Amino aci
456	814	49.6	354	5	ABP53581	Abp53581	Human NOV
457	814	49.6	354	5	ABP53580	Abp53580	Human NOV
458	814	49.6	354	5	AAU83592	Aau83592	Human PRO
459	814	49.6	354	5	ADI28023	Adi28023	ECMCAD pr
460	814	49.6	354	5	ADY31742	Ady31742	Novel hum
461	814	49.6	354	6	ABU80739	Abu80739	Human PRO
462	814	49.6	354	6	ABO25183	Abo25183	Novel hum
463	814	49.6	354	6	ABO33705	Abo33705	Novel hum
464	814	49.6	354	6	ABU67301	Abu67301	Novel hum
465	814	49.6	354	6	ABU72069	Abu72069	Novel hum
466	814	49.6	354	6	ABU67170	Abu67170	Novel hum
467	814	49.6	354	6	ABU82048	Abu82048	Novel hum
468	814	49.6	354	6	ABU79812	Abu79812	Human sec
469	814	49.6	354	6	ABJ72228	Abj72228	Human PRO
470	814	49.6	354	6	ADA47302	Ada47302	Human sec
471	814	49.6	354	6	ABJ72356	Abj72356	Human PRO
472	814	49.6	354	6	ABO34251	Abo34251	Human sec
473	814	49.6	354	7	ABO19870	Abo19870	Human sec
474	814	49.6	354	7	ABJ72058	Abj72058	Human mem
475	814	49.6	354	7	ADB83492	Adb83492	Novel hum
476	814	49.6	354	7	ADB80598	Adb80598	Novel hum
477	814	49.6	354	7	ADB73139	Adb73139	Novel hum
478	814	49.6	354	7	ADB78221	Adb78221	Novel hum
479	814	49.6	354	7	ADB84869	Adb84869	Human PRO
480	814	49.6	354	7	ADB77975	Adb77975	Novel hum
481	814	49.6	354	7	ADB87041	Adb87041	Human PRO
482	814	49.6	354	7	ADB84623	Adb84623	Human PRO
483	814	49.6	354	7	ADB83738	Adb83738	Novel hum
484	814	49.6	354	7	ADB72893	Adb72893	Novel hum
485	814	49.6	354	7	ADC36731	Adc36731	Human PRO
486	814	49.6	354	7	ADC21721	Adc21721	Human PRO
487	814	49.6	354	7	ADC49752	Adc49752	Novel hum
488	814	49.6	354	7	ADC48951	Adc48951	Novel hum
489	814	49.6	354	7	ADC49468	Adc49468	Novel hum
490	814	49.6	354	7	ADC47329	Adc47329	Novel hum
491	814	49.6	354	7	ADC47074	Adc47074	Novel hum
492	814	49.6	354	7	ADC77949	Adc77949	Novel hum
493	814	49.6	354	7	ADD06184	Add06184	Novel hum
494	814	49.6	354	7	ADC77703	Adc77703	Novel hum
495	814	49.6	354	7	ADD50666	Add50666	Novel hum
496	814	49.6	354	7	ADD50912	Add50912	Novel hum
497	814	49.6	354	7	ADD50393	Add50393	Human PRO
498	814	49.6	354	7	ADD50147	Add50147	Human PRO
499	814	49.6	354	7	ADD51158	Add51158	Novel hum
500	814	49.6	354	7	ADG63811	Adg63811	Human sec
501	814	49.6	354	8	ADC48705	Adc48705	Novel hum
502	814	49.6	354	8	ADE20876	Ade20876	Novel hum
503	814	49.6	354	8	ADE05720	Ade05720	Human PRO
504	814	49.6	354	8	ADD74949	Add74949	Human PRO
505	814	49.6	354	8	ADD75695	Add75695	Novel hum
506	814	49.6	354	8	ADD84927	Add84927	Novel hum
507	814	49.6	354	8	ADD86753	Add86753	Novel hum
508	814	49.6	354	8	ADE20630	Ade20630	Novel hum
509	814	49.6	354	8	ADE38927	Ade38927	Novel hum
510	814	49.6	354	8	ADE05474	Ade05474	Human PRO
511	814	49.6	354	8	ADD73459	Add73459	Human PRO
512	814	49.6	354	8	ADD78299	Add78299	Novel hum
513	814	49.6	354	8	ADE21122	Ade21122	Novel hum
514	814	49.6	354	8	ADD77237	Add77237	Novel hum
515	814	49.6	354	8	ADE20384	Ade20384	Novel hum
516	814	49.6	354	8	ADD75449	Add75449	Human PRO
517	814	49.6	354	8	ADD73965	Add73965	Human PRO
518	814	49.6	354	8	ADD74211	Add74211	Human PRO

519	814	49.6	354	8	ADD75941	Add75941	Novel	hum
520	814	49.6	354	8	ADD85433	Add85433	Novel	hum
521	814	49.6	354	8	ADE04982	Ade04982	Human	PRO
522	814	49.6	354	8	ADD75195	Add75195	Human	PRO
523	814	49.6	354	8	ADD76739	Add76739	Novel	hum
524	814	49.6	354	8	ADD86507	Add86507	Novel	hum
525	814	49.6	354	8	ADE41225	Ade41225	Human	sec
526	814	49.6	354	8	ADD77975	Add77975	Novel	hum
527	814	49.6	354	8	ADD77483	Add77483	Novel	hum
528	814	49.6	354	8	ADD77729	Add77729	Novel	hum
529	814	49.6	354	8	ADD85187	Add85187	Novel	hum
530	814	49.6	354	8	ADD73719	Add73719	Human	PRO
531	814	49.6	354	8	ADD74457	Add74457	Human	PRO
532	814	49.6	354	8	ADD76985	Add76985	Novel	hum
533	814	49.6	354	8	ADD85679	Add85679	Novel	hum
534	814	49.6	354	8	ADE05228	Ade05228	Human	PRO
535	814	49.6	354	8	ADD74703	Add74703	Human	PRO
536	814	49.6	354	8	ADG05515	Adg05515	Novel	hum
537	814	49.6	354	8	ADG27069	Adg27069	Human	PRO
538	814	49.6	354	8	ADG11132	Adg11132	Novel	hum
539	814	49.6	354	8	ADG11911	Adg11911	Novel	hum
540	814	49.6	354	8	ADF94468	Adf94468	Novel	hum
541	814	49.6	354	8	ADG06564	Adg06564	Human	PRO
542	814	49.6	354	8	ADH38908	Adh38908	Novel	hum
543	814	49.6	354	8	ADG63659	Adg63659	Human	sec
544	814	49.6	354	8	ADG33998	Adg33998	Novel	hum
545	814	49.6	354	8	ADI33468	Adi33468	Human	PRO
546	814	49.6	354	8	ADH69562	Adh69562	Human	PRO
547	814	49.6	354	8	ADI29723	Adi29723	Novel	hum
548	814	49.6	354	8	ADM27120	Adm27120	Novel	hum
549	814	49.6	354	8	ADK66478	Adk66478	Human	PRO
550	814	49.6	354	8	ADS82050	Ads82050	Human	can
551	813	49.5	354	5	ABB98407	Abb98407	Human	NOV
552	812	49.5	348	6	ABJ20234	Abj20234	Human	IG
553	812	49.5	348	6	ABJ20233	Abj20233	Human	IG
554	811	49.4	354	7	ADB64811	Adb64811	Human	pro
555	806	49.1	352	3	AAB44331	Aab44331	Human	PRO
556	806	49.1	352	6	ABO25277	Abo25277	Novel	hum
557	806	49.1	352	6	ABU72283	Abu72283	Novel	hum
558	806	49.1	352	6	ABU09489	Abu09489	Human	sec
559	806	49.1	352	6	ABU61161	Abu61161	Human	PRO
560	806	49.1	352	6	ABU80430	Abu80430	Human	sec
561	806	49.1	352	6	ADA25150	Ada25150	Novel	hum
562	806	49.1	352	6	ABO19732	Abo19732	Novel	hum
563	806	49.1	352	6	ADA12812	Ada12812	Human	sec
564	806	49.1	352	6	ABO19623	Abo19623	Novel	hum
565	806	49.1	352	7	ADB74118	Adb74118	Human	PRO
566	806	49.1	352	7	ADB76834	Adb76834	Human	PRO
567	806	49.1	352	7	ADC44260	Adc44260	Human	sec
568	806	49.1	352	7	ADC62020	Adc62020	Human	sec
569	806	49.1	352	7	ADC63984	Adc63984	Human	sec
570	806	49.1	352	7	ADC67084	Adc67084	Human	sec
571	806	49.1	352	7	ADC69208	Adc69208	Human	sec
572	806	49.1	352	7	ADC63268	Adc63268	Human	sec
573	806	49.1	352	7	ADC68333	Adc68333	Human	sec
574	806	49.1	352	7	ADC41653	Adc41653	Human	sec
575	806	49.1	352	7	ADC67708	Adc67708	Human	sec
576	806	49.1	352	7	ADC62644	Adc62644	Human	sec
577	806	49.1	352	7	ADC42277	Adc42277	Human	sec
578	806	49.1	352	7	ADE49646	Ade49646	Human	sec
579	806	49.1	352	7	ADE35700	Ade35700	Human	sec
580	806	49.1	352	7	ADE16814	Ade16814	Human	sec
581	806	49.1	352	7	ADD73429	Add73429	Human	sec
582	806	49.1	352	7	ADD72787	Add72787	Human	sec
583	806	49.1	352	7	ADE17438	Ade17438	Human	sec
584	806	49.1	352	7	ADF47452	Adf47452	Human	sec
585	806	49.1	352	7	ADG53209	Adg53209	Human	sec
586	806	49.1	352	7	ADG60529	Adg60529	Human	sec
587	806	49.1	352	7	ADI61289	Adi61289	Human	sec
588	806	49.1	352	8	ADE48946	Ade48946	Human	sec
589	806	49.1	352	8	ADE90047	Ade90047	Human	sec
590	806	49.1	352	8	ADF61687	Adf61687	Human	sec
591	806	49.1	352	8	ADF40379	Adf40379	Human	sec
592	806	49.1	352	8	ADF46175	Adf46175	Human	sec
593	806	49.1	352	8	ADF24571	Adf24571	Human	sec
594	806	49.1	352	8	ADF41003	Adf41003	Human	sec
595	806	49.1	352	8	ADF23947	Adf23947	Human	sec
596	806	49.1	352	8	ADF33930	Adf33930	Human	sec
597	806	49.1	352	8	ADF27397	Adf27397	Human	sec
598	806	49.1	352	8	ADF28033	Adf28033	Human	sec
599	806	49.1	352	8	ADF41627	Adf41627	Human	sec

600	806	49.1	352	8	ADF33306	Adf33306 Human sec
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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:40:31 ; Search time 35.7306 Seconds
 (without alignments)
 766.768 Million cell updates/sec

Title: US-10-657-103-4
 Perfect score: 1642
 Sequence: 1 RSGDATFPKAMDNVTVRQGE.....RRAGCVWLLPLLVLHLLKKF 313

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 87530628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : Issued Patents AA:*
 1: /EMC_Celerra_SIDS3/ptodata/2/iaa/5_COMB.pep:*
 2: /EMC_Celerra_SIDS3/ptodata/2/iaa/6_COMB.pep:*
 3: /EMC_Celerra_SIDS3/ptodata/2/iaa/7_COMB.pep:*
 4: /EMC_Celerra_SIDS3/ptodata/2/iaa/H_COMB.pep:*
 5: /EMC_Celerra_SIDS3/ptodata/2/iaa/PCTUS_COMB.pep:*
 6: /EMC_Celerra_SIDS3/ptodata/2/iaa/RE_COMB.pep:*
 7: /EMC_Celerra_SIDS3/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	1642	100.0	313	2	US-09-700-397-4
2	1642	100.0	344	2	US-09-700-397-3
3	1642	100.0	344	2	US-09-999-833A-523
4	1642	100.0	344	2	US-10-020-445A-523
5	1642	100.0	344	2	US-09-978-189-523
6	1642	100.0	344	2	US-10-017-085A-523
7	1642	100.0	344	3	US-10-145-129A-523
8	1642	100.0	344	3	US-10-013-929A-523
9	1642	100.0	344	3	US-10-013-917A-523
10	906	55.2	338	2	US-09-976-594-404
11	901	54.9	310	1	US-08-414-657D-45
12	901	54.9	338	1	US-08-414-657D-42
13	901	54.9	338	1	US-08-414-657D-43
14	901	54.9	338	2	US-09-135-080-4
15	898	54.7	304	1	US-08-414-657D-44
16	898	54.7	325	1	US-08-414-657D-2
17	898	54.7	325	1	US-08-414-657D-41
18	898	54.7	325	2	US-09-135-080-2
19	898	54.7	338	1	US-08-414-657D-60
20	898	54.7	338	2	US-09-135-080-8
21	882.5	53.7	287	1	US-08-414-657D-48
22	882.5	53.7	308	1	US-08-414-657D-46
23	881.5	53.7	287	1	US-08-414-657D-49
24	881.5	53.7	315	1	US-08-414-657D-47
25	811	49.4	354	2	US-10-104-047-2965
26	806	49.1	352	2	US-09-999-833A-612
27	806	49.1	352	2	US-10-020-445A-612
28	806	49.1	352	2	US-09-978-189-612
29	806	49.1	352	2	US-10-017-085A-612
30	806	49.1	352	3	US-10-145-129A-612
31	806	49.1	352	3	US-10-013-929A-612
32	806	49.1	352	3	US-10-013-917A-612
33	796.5	48.5	252	1	US-08-414-657D-56
34	795.5	48.4	252	1	US-08-414-657D-57
35	742.5	45.2	212	2	US-09-949-016-10458

36	288.5	17.6	961	3	US-10-162-335-42	Sequence 42, Appl
37	288.5	17.6	4126	2	US-09-953-096-4	Sequence 4, Appli
38	288.5	17.6	5518	2	US-09-953-096-2	Sequence 2, Appli
39	276	16.8	588	2	US-09-949-016-10547	Sequence 10547, A
40	276	16.8	733	2	US-10-094-749-3192	Sequence 3192, Ap
41	276	16.8	848	2	US-09-787-443-44	Sequence 44, Appl
42	267	16.3	58	2	US-09-513-999C-6852	Sequence 6852, Ap
43	261	15.9	1395	2	US-09-540-245A-15	Sequence 15, Appl
44	261	15.9	1395	2	US-10-289-776-15	Sequence 15, Appl
45	261	15.9	1395	3	US-09-191-651-2	Sequence 2, Appli
46	252	15.3	421	1	US-08-659-984A-1	Sequence 1, Appli
47	252	15.3	421	2	US-08-660-531-1	Sequence 1, Appli
48	252	15.3	421	2	US-09-404-578-1	Sequence 1, Appli
49	252	15.3	444	1	US-08-659-984A-5	Sequence 5, Appli
50	252	15.3	444	2	US-08-660-531-5	Sequence 5, Appli

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:41:00 ; Search time 116.244 Seconds
 (without alignments)
 1247.263 Million cell updates/sec

Title: US-10-657-103-4
 Perfect score: 1642
 Sequence: 1 RSGDATFPKAMDNVTVRQGE.....RRAGCVWLLPLLVLHLLKKF 313

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : Published Applications_AA_Main:*
 1: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
 2: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
 3: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
 4: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
 5: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
 6: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	1642	100.0	313	4	US-10-657-103-4	Sequence 4, Appli
2	1642	100.0	344	3	US-09-978-295A-523	Sequence 523, App
3	1642	100.0	344	3	US-09-978-697-523	Sequence 523, App
4	1642	100.0	344	3	US-09-978-192A-523	Sequence 523, App
5	1642	100.0	344	3	US-09-999-832A-523	Sequence 523, App
6	1642	100.0	344	3	US-09-978-189-523	Sequence 523, App
7	1642	100.0	344	3	US-09-978-608A-523	Sequence 523, App
8	1642	100.0	344	3	US-09-978-585A-523	Sequence 523, App
9	1642	100.0	344	3	US-09-978-191A-523	Sequence 523, App
10	1642	100.0	344	3	US-09-978-403A-523	Sequence 523, App
11	1642	100.0	344	3	US-09-978-564A-523	Sequence 523, App
12	1642	100.0	344	3	US-09-999-833A-523	Sequence 523, App
13	1642	100.0	344	3	US-09-981-915A-523	Sequence 523, App
14	1642	100.0	344	3	US-09-978-824-523	Sequence 523, App
15	1642	100.0	344	3	US-09-918-585A-523	Sequence 523, App
16	1642	100.0	344	3	US-09-999-834A-523	Sequence 523, App
17	1642	100.0	344	3	US-09-978-423A-523	Sequence 523, App
18	1642	100.0	344	3	US-09-978-193A-523	Sequence 523, App
19	1642	100.0	344	3	US-09-999-830A-523	Sequence 523, App
20	1642	100.0	344	3	US-09-978-757A-523	Sequence 523, App
21	1642	100.0	344	3	US-09-978-187B-523	Sequence 523, App
22	1642	100.0	344	3	US-09-978-643A-523	Sequence 523, App
23	1642	100.0	344	3	US-09-978-375A-523	Sequence 523, App
24	1642	100.0	344	3	US-09-978-298A-523	Sequence 523, App
25	1642	100.0	344	3	US-09-978-188A-523	Sequence 523, App
26	1642	100.0	344	3	US-09-978-681A-523	Sequence 523, App
27	1642	100.0	344	3	US-09-978-194A-523	Sequence 523, App
28	1642	100.0	344	3	US-09-999-829A-523	Sequence 523, App
29	1642	100.0	344	3	US-09-978-299A-523	Sequence 523, App
30	1642	100.0	344	3	US-09-978-544A-523	Sequence 523, App
31	1642	100.0	344	3	US-09-978-665A-523	Sequence 523, App
32	1642	100.0	344	3	US-09-978-802A-523	Sequence 523, App
33	1642	100.0	344	3	US-09-999-831A-523	Sequence 523, App
34	1642	100.0	344	3	US-09-978-824-523	Sequence 523, App
35	1642	100.0	344	4	US-10-066-500-104	Sequence 104, App
36	1642	100.0	344	4	US-10-028-072-376	Sequence 376, App

37	1642	100.0	344	4	US-10-140-808-376	Sequence 376, App
38	1642	100.0	344	4	US-10-121-049-376	Sequence 376, App
39	1642	100.0	344	4	US-10-123-904-376	Sequence 376, App
40	1642	100.0	344	4	US-10-140-470-376	Sequence 376, App
41	1642	100.0	344	4	US-10-175-746-376	Sequence 376, App
42	1642	100.0	344	4	US-10-176-918-376	Sequence 376, App
43	1642	100.0	344	4	US-10-176-921-376	Sequence 376, App
44	1642	100.0	344	4	US-10-227-884-126	Sequence 126, App
45	1642	100.0	344	4	US-10-002-796-104	Sequence 104, App
46	1642	100.0	344	4	US-10-066-273-104	Sequence 104, App
47	1642	100.0	344	4	US-10-066-494-104	Sequence 104, App
48	1642	100.0	344	4	US-10-137-865-376	Sequence 376, App
49	1642	100.0	344	4	US-10-140-474-376	Sequence 376, App
50	1642	100.0	344	4	US-10-142-431-376	Sequence 376, App
51	1642	100.0	344	4	US-10-143-114-376	Sequence 376, App
52	1642	100.0	344	4	US-10-230-163-126	Sequence 126, App
53	1642	100.0	344	4	US-10-066-269-104	Sequence 104, App
54	1642	100.0	344	4	US-10-066-211-104	Sequence 104, App
55	1642	100.0	344	4	US-10-066-193-104	Sequence 104, App
56	1642	100.0	344	4	US-10-230-338-126	Sequence 126, App
57	1642	100.0	344	4	US-10-142-419-376	Sequence 376, App
58	1642	100.0	344	4	US-10-218-631-126	Sequence 126, App
59	1642	100.0	344	4	US-10-017-081A-523	Sequence 523, App
60	1642	100.0	344	4	US-10-123-262-376	Sequence 376, App
61	1642	100.0	344	4	US-10-142-423-376	Sequence 376, App
62	1642	100.0	344	4	US-10-230-414-126	Sequence 126, App
63	1642	100.0	344	4	US-10-121-050-376	Sequence 376, App
64	1642	100.0	344	4	US-10-141-755-376	Sequence 376, App
65	1642	100.0	344	4	US-10-167-749-523	Sequence 523, App
66	1642	100.0	344	4	US-10-143-032-376	Sequence 376, App
67	1642	100.0	344	4	US-10-232-224-126	Sequence 126, App
68	1642	100.0	344	4	US-10-013-921A-523	Sequence 523, App
69	1642	100.0	344	4	US-10-123-108-376	Sequence 376, App
70	1642	100.0	344	4	US-10-123-236-376	Sequence 376, App
71	1642	100.0	344	4	US-10-123-261-376	Sequence 376, App
72	1642	100.0	344	4	US-10-140-921-376	Sequence 376, App
73	1642	100.0	344	4	US-10-140-928-376	Sequence 376, App
74	1642	100.0	344	4	US-10-216-159A-126	Sequence 126, App
75	1642	100.0	344	4	US-10-013-929A-523	Sequence 523, App
76	1642	100.0	344	4	US-10-016-177A-523	Sequence 523, App
77	1642	100.0	344	4	US-10-121-045-376	Sequence 376, App
78	1642	100.0	344	4	US-10-123-292-376	Sequence 376, App
79	1642	100.0	344	4	US-10-123-903-376	Sequence 376, App
80	1642	100.0	344	4	US-10-124-819-376	Sequence 376, App
81	1642	100.0	344	4	US-10-124-822-376	Sequence 376, App
82	1642	100.0	344	4	US-10-140-925-376	Sequence 376, App
83	1642	100.0	344	4	US-10-160-498-376	Sequence 376, App
84	1642	100.0	344	4	US-10-218-849-126	Sequence 126, App
85	1642	100.0	344	4	US-10-227-873-126	Sequence 126, App
86	1642	100.0	344	4	US-10-227-883-126	Sequence 126, App
87	1642	100.0	344	4	US-10-124-824-376	Sequence 376, App
88	1642	100.0	344	4	US-10-127-825A-376	Sequence 376, App
89	1642	100.0	344	4	US-10-127-829A-376	Sequence 376, App
90	1642	100.0	344	4	US-10-127-835A-376	Sequence 376, App
91	1642	100.0	344	4	US-10-127-839A-376	Sequence 376, App
92	1642	100.0	344	4	US-10-127-901A-376	Sequence 376, App
93	1642	100.0	344	4	US-10-128-693A-376	Sequence 376, App
94	1642	100.0	344	4	US-10-131-813A-376	Sequence 376, App
95	1642	100.0	344	4	US-10-131-818A-376	Sequence 376, App
96	1642	100.0	344	4	US-10-131-823A-376	Sequence 376, App
97	1642	100.0	344	4	US-10-131-824A-376	Sequence 376, App
98	1642	100.0	344	4	US-10-131-830A-376	Sequence 376, App
99	1642	100.0	344	4	US-10-131-837A-376	Sequence 376, App
100	1642	100.0	344	4	US-10-137-872A-376	Sequence 376, App
101	1642	100.0	344	4	US-10-147-500-376	Sequence 376, App
102	1642	100.0	344	4	US-10-147-502-376	Sequence 376, App
103	1642	100.0	344	4	US-10-147-515-376	Sequence 376, App
104	1642	100.0	344	4	US-10-147-517-376	Sequence 376, App
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657	1642	100.0	344	5	US-10-152-388B-523	Sequence 523, App
658	1642	100.0	344	5	US-10-145-961-376	Sequence 376, App
659	1642	100.0	344	5	US-10-219-477-126	Sequence 126, App
660	1642	100.0	344	5	US-10-147-488-376	Sequence 376, App
661	1642	100.0	344	5	US-10-147-531-376	Sequence 376, App
662	1642	100.0	344	5	US-10-918-851-523	Sequence 523, App
663	1642	100.0	344	5	US-10-931-886-376	Sequence 376, App
664	1642	100.0	344	5	US-10-805-667-523	Sequence 523, App
665	1642	100.0	344	5	US-10-897-359-523	Sequence 523, App
666	1642	100.0	344	5	US-10-158-788-376	Sequence 376, App
667	1642	100.0	344	5	US-10-893-802-523	Sequence 523, App
668	1642	100.0	344	5	US-10-897-360-523	Sequence 523, App
669	1642	100.0	344	5	US-10-955-952-376	Sequence 376, App
670	1642	100.0	344	5	US-10-165-036A-523	Sequence 523, App
671	1642	100.0	344	5	US-10-131-826A-376	Sequence 376, App
672	1642	100.0	344	5	US-10-973-115B-376	Sequence 376, App
673	1642	100.0	344	5	US-10-233-134-126	Sequence 126, App
674	1642	100.0	344	5	US-10-219-062-126	Sequence 126, App
675	1642	100.0	344	5	US-10-219-064-126	Sequence 126, App
676	1642	100.0	344	5	US-10-218-784-126	Sequence 126, App
677	1642	100.0	344	5	US-10-219-061-126	Sequence 126, App
678	1642	100.0	344	5	US-10-216-161A-523	Sequence 523, App
679	1642	100.0	344	5	US-10-137-873A-376	Sequence 376, App
680	1642	100.0	344	5	US-10-152-370-376	Sequence 376, App
681	1642	100.0	344	6	US-11-129-762-523	Sequence 523, App
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683	1635	99.6	344	3	US-09-966-546-4	Sequence 4, Appli
684	1635	99.6	344	3	US-09-966-546-6	Sequence 6, Appli

685	1635	99.6	344	3	US-09-966-545-4	Sequence 4, Appli
686	1635	99.6	344	3	US-09-966-545-6	Sequence 6, Appli
687	1635	99.6	344	3	US-09-965-212-4	Sequence 4, Appli
688	1635	99.6	344	3	US-09-965-212-6	Sequence 6, Appli
689	1635	99.6	344	4	US-10-189-940-4	Sequence 4, Appli
690	1635	99.6	344	4	US-10-189-940-6	Sequence 6, Appli
691	1635	99.6	344	5	US-10-971-479-4	Sequence 4, Appli
692	1635	99.6	344	5	US-10-971-479-6	Sequence 6, Appli
693	1626.5	99.1	355	4	US-10-306-133-1	Sequence 1, Appli
694	1616	98.4	344	4	US-10-306-133-3	Sequence 3, Appli
695	1401	85.3	344	4	US-10-015-115-87	Sequence 87, Appl
696	1295	78.9	250	4	US-10-311-823-15	Sequence 15, Appl
697	1244.5	75.8	345	4	US-10-161-572-59	Sequence 59, Appl
698	1244.5	75.8	345	4	US-10-015-115-84	Sequence 84, Appl
699	1244.5	75.8	345	5	US-10-696-639-46	Sequence 46, Appl
700	1243.5	75.7	345	4	US-10-015-115-83	Sequence 83, Appl
701	1235.5	75.2	338	4	US-10-015-115-86	Sequence 86, Appl
702	1235.5	75.2	345	4	US-10-015-115-85	Sequence 85, Appl
703	913	55.6	338	4	US-10-038-854-159	Sequence 159, App
704	906	55.2	338	3	US-09-808-602-69	Sequence 69, Appl
705	906	55.2	338	3	US-09-800-198-58	Sequence 58, Appl
706	906	55.2	338	4	US-10-161-572-58	Sequence 58, Appl
707	906	55.2	338	4	US-10-038-854-158	Sequence 158, App
708	906	55.2	338	4	US-10-042-865-92	Sequence 92, Appl
709	905	55.1	350	3	US-09-808-602-71	Sequence 71, Appl
710	905	55.1	350	3	US-09-800-198-60	Sequence 60, Appl
711	901	54.9	338	3	US-09-808-602-72	Sequence 72, Appl
712	901	54.9	338	3	US-09-800-198-61	Sequence 61, Appl
713	901	54.9	338	4	US-10-042-865-91	Sequence 91, Appl
714	867.5	52.8	383	3	US-09-978-418-38	Sequence 38, Appl
715	867.5	52.8	383	5	US-10-485-231-38	Sequence 38, Appl
716	852.5	51.9	326	4	US-10-106-698-5794	Sequence 5794, Ap
717	850	51.8	203	4	US-10-187-975-108	Sequence 108, App
718	833	50.7	352	4	US-10-038-854-156	Sequence 156, App
719	833	50.7	352	4	US-10-042-865-89	Sequence 89, Appl
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721	814	49.6	354	4	US-10-227-884-2	Sequence 2, Appli
722	814	49.6	354	4	US-10-002-796-130	Sequence 130, App
723	814	49.6	354	4	US-10-066-273-130	Sequence 130, App
724	814	49.6	354	4	US-10-066-494-130	Sequence 130, App
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726	814	49.6	354	4	US-10-066-269-130	Sequence 130, App
727	814	49.6	354	4	US-10-066-211-130	Sequence 130, App
728	814	49.6	354	4	US-10-066-193-130	Sequence 130, App
729	814	49.6	354	4	US-10-230-338-2	Sequence 2, Appli
730	814	49.6	354	4	US-10-218-631-2	Sequence 2, Appli
731	814	49.6	354	4	US-10-230-414-2	Sequence 2, Appli
732	814	49.6	354	4	US-10-232-224-2	Sequence 2, Appli
733	814	49.6	354	4	US-10-216-159A-2	Sequence 2, Appli
734	814	49.6	354	4	US-10-218-849-2	Sequence 2, Appli
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736	814	49.6	354	4	US-10-227-883-2	Sequence 2, Appli
737	814	49.6	354	4	US-10-219-076-2	Sequence 2, Appli
738	814	49.6	354	4	US-10-230-434-2	Sequence 2, Appli
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742	814	49.6	354	4	US-10-219-466-2	Sequence 2, Appli
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745	814	49.6	354	4	US-10-230-260-2	Sequence 2, Appli
746	814	49.6	354	4	US-10-232-231-2	Sequence 2, Appli
747	814	49.6	354	4	US-10-232-233-2	Sequence 2, Appli
748	814	49.6	354	4	US-10-216-165-2	Sequence 2, Appli
749	814	49.6	354	4	US-10-218-956-2	Sequence 2, Appli
750	814	49.6	354	4	US-10-219-468-2	Sequence 2, Appli
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752	814	49.6	354	4	US-10-219-536-2	Sequence 2, Appli
753	814	49.6	354	4	US-10-233-205-2	Sequence 2, Appli
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755	814	49.6	354	4	US-10-219-470-2	Sequence 2, Appli
756	814	49.6	354	4	US-10-219-474-2	Sequence 2, Appli
757	814	49.6	354	4	US-10-219-524-2	Sequence 2, Appli
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760	814	49.6	354	4	US-10-227-881-2	Sequence 2, Appli
761	814	49.6	354	4	US-10-227-882-2	Sequence 2, Appli
762	814	49.6	354	4	US-10-230-436-2	Sequence 2, Appli
763	814	49.6	354	4	US-10-232-223-2	Sequence 2, Appli
764	814	49.6	354	4	US-10-232-225-2	Sequence 2, Appli
765	814	49.6	354	4	US-10-232-227-2	Sequence 2, Appli

766	814	49.6	354	4	US-10-232-229-2	Sequence 2, Appli
767	814	49.6	354	4	US-10-232-234-2	Sequence 2, Appli
768	814	49.6	354	4	US-10-219-060-2	Sequence 2, Appli
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770	814	49.6	354	4	US-10-216-162-2	Sequence 2, Appli
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772	814	49.6	354	4	US-10-216-167-2	Sequence 2, Appli
773	814	49.6	354	4	US-10-216-168-2	Sequence 2, Appli
774	814	49.6	354	4	US-10-219-065-2	Sequence 2, Appli
775	814	49.6	354	4	US-10-219-071-2	Sequence 2, Appli
776	814	49.6	354	4	US-10-219-074-2	Sequence 2, Appli
777	814	49.6	354	4	US-10-219-077-2	Sequence 2, Appli
778	814	49.6	354	4	US-10-219-465-2	Sequence 2, Appli
779	814	49.6	354	4	US-10-219-467-2	Sequence 2, Appli
780	814	49.6	354	4	US-10-219-469-2	Sequence 2, Appli
781	814	49.6	354	4	US-10-219-471-2	Sequence 2, Appli
782	814	49.6	354	4	US-10-219-473-2	Sequence 2, Appli
783	814	49.6	354	4	US-10-219-476-2	Sequence 2, Appli
784	814	49.6	354	4	US-10-219-482-2	Sequence 2, Appli
785	814	49.6	354	4	US-10-227-874-2	Sequence 2, Appli
786	814	49.6	354	4	US-10-227-876-2	Sequence 2, Appli
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788	814	49.6	354	4	US-10-229-974-2	Sequence 2, Appli
789	814	49.6	354	4	US-10-230-024-2	Sequence 2, Appli
790	814	49.6	354	4	US-10-230-113-2	Sequence 2, Appli
791	814	49.6	354	4	US-10-230-183-2	Sequence 2, Appli
792	814	49.6	354	4	US-10-230-234-2	Sequence 2, Appli
793	814	49.6	354	4	US-10-230-306-2	Sequence 2, Appli
794	814	49.6	354	4	US-10-230-426-2	Sequence 2, Appli
795	814	49.6	354	4	US-10-230-427-2	Sequence 2, Appli
796	814	49.6	354	4	US-10-230-433-2	Sequence 2, Appli
797	814	49.6	354	4	US-10-230-435-2	Sequence 2, Appli
798	814	49.6	354	4	US-10-230-438-2	Sequence 2, Appli
799	814	49.6	354	4	US-10-232-222-2	Sequence 2, Appli
800	814	49.6	354	4	US-10-226-739-130	Sequence 130, App

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:42:25 ; Search time 8.57534 Seconds
 (without alignments)
 406.513 Million cell updates/sec

Title: US-10-657-103-4
 Perfect score: 1642
 Sequence: 1 RSGDATFPKAMDNVTVRQGE.....RRAGCVWLLPLLVLHLLKKF 313

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 56051 seqs, 11137335 residues

Total number of hits satisfying chosen parameters: 56051

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : Published Applications AA New:*
 1: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
 2: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
 3: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
 4: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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 7: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
 8: /EMC_Celerra_SIDS3/ptodata/1/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB ID	Description
1	227	13.8	4391	7	US-11-183-325-56
2	219	13.3	699	7	US-11-293-697-3322
3	218.5	13.3	1115	6	US-10-196-749-440
4	211	12.9	364	7	US-11-246-999-39
5	211	12.9	440	6	US-10-196-749-34
6	211	12.9	440	7	US-11-296-092-61
7	211	12.9	442	7	US-11-246-999-136
8	207	12.6	600	7	US-11-293-697-4457
9	203.5	12.4	807	7	US-11-293-697-4489
10	196	11.9	1180	6	US-10-505-928-459
11	193.5	11.8	439	7	US-11-246-999-145
12	187	11.4	600	6	US-10-196-749-586
13	185.5	11.3	702	6	US-10-538-066-363
14	182	11.1	531	7	US-11-180-855-2
15	182	11.1	626	7	US-11-180-855-1
16	180.5	11.0	708	6	US-10-196-749-584
17	176	10.7	637	7	US-11-293-697-3198
18	173.5	10.6	544	6	US-10-196-749-118
19	171	10.4	526	6	US-10-505-928-160
20	168	10.2	1338	6	US-10-505-928-634
21	168	10.2	1338	6	US-10-505-928-857
22	165	10.0	777	7	US-11-293-697-3189
23	163.5	10.0	582	7	US-11-301-554-334
24	158.5	9.7	639	7	US-11-246-999-33
25	157.5	9.6	697	7	US-11-246-999-149
26	157	9.6	707	7	US-11-293-697-4774
27	150.5	9.2	1298	6	US-10-505-928-274
28	147	9.0	394	6	US-10-538-066-754
29	139	8.5	416	7	US-11-293-697-4389
30	136.5	8.3	738	6	US-10-511-937-2418
31	136	8.3	903	7	US-11-293-697-2977
32	135	8.2	229	7	US-11-246-999-46
33	135	8.2	393	7	US-11-246-999-144
34	135	8.2	972	7	US-11-255-147-8

35	134.5	8.2	976	6	US-10-511-937-2423	Sequence 2423, Ap
36	128	7.8	372	7	US-11-251-465-71	Sequence 71, Appl
37	128	7.8	806	7	US-11-251-465-22	Sequence 22, Appl
38	126.5	7.7	365	6	US-10-505-928-148	Sequence 148, App
39	124	7.6	993	6	US-10-511-937-2463	Sequence 2463, Ap
40	124	7.6	999	6	US-10-196-749-434	Sequence 434, App
41	121	7.4	340	7	US-11-180-855-3	Sequence 3, Appli
42	119.5	7.3	442	7	US-11-246-999-99	Sequence 99, Appl
43	119.5	7.3	462	7	US-11-293-697-3457	Sequence 3457, Ap
44	117.5	7.2	417	6	US-10-505-928-664	Sequence 664, App
45	115.5	7.0	526	7	US-11-246-999-121	Sequence 121, App
46	114.5	7.0	466	7	US-11-211-917-30	Sequence 30, Appl
47	113.5	6.9	440	7	US-11-251-465-65	Sequence 65, Appl
48	113.5	6.9	449	7	US-11-251-465-68	Sequence 68, Appl
49	113.5	6.9	885	6	US-10-505-928-432	Sequence 432, App
50	113.5	6.9	885	7	US-11-251-465-20	Sequence 20, Appl

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OM protein - protein search, using sw model

Run on: May 30, 2006, 10:25:20 ; Search time 184.37 Seconds
 (without alignments)
 1570.375 Million cell updates/sec

Title: US-10-657-103-4
 Perfect score: 1642
 Sequence: 1 RSGDATFPKAMDNVTVRQGE.....RRAGCVWLLPLLVLHLLKLF 313

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 2849598 seqs, 925015592 residues

Total number of hits satisfying chosen parameters: 2849598

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

Database : UniProt 7.2:*
 1: uniprot_sprot:*
 2: uniprot_trembl:*

Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES						
Result No.	Score	% Query Match	Length	DB	ID	Description
1	1642	100.0	344	1	NTRI_HUMAN	Q9p121 homo sapien
2	1636	99.6	344	2	Q5R554_PONPY	Q5r554 pongo pygma
3	1624	98.9	344	1	NTRI_MOUSE	Q99pj0 mus musculu
4	1624	98.9	344	2	Q8BG33_MOUSE	Q8bg33 m adult mal
5	1618	98.5	344	2	Q3TYC2_MOUSE	Q3tyc2 mus musculu
6	1616	98.4	344	1	NTRI_RAT	Q62718 rattus norv
7	1612.5	98.2	345	2	Q58DA5_BOVIN	Q58da5 bos taurus
8	1401	85.3	344	2	O93242_CHICK	O93242 gallus gall
9	1380.5	84.1	353	1	CEPU1_CHICK	Q90773 gallus gall
10	1331	81.1	313	2	O57596_CHICK	O57596 gallus gall
11	1331	81.1	315	2	Q9DGI5_CHICK	Q9dgi5 gallus gall
12	1256	76.5	337	2	Q6DFY2_MOUSE	Q6dfy2 mus musculu
13	1251.5	76.2	336	2	Q5ISA8_9PRIM	Q5isa8 saimiri bol
14	1250	76.1	337	1	OBCAM_CHICK	Q98892 gallus gall
15	1250	76.1	344	2	Q9DF61_CHICK	Q9df61 gallus gall
16	1248	76.0	337	2	Q3TYL3_MOUSE	Q3tyl3 mus musculu
17	1247.5	76.0	345	2	Q6GM08_XENLA	Q6gm08 xenopus lae
18	1247	75.9	344	2	Q6B0I4_HUMAN	Q6b0i4 homo sapien
19	1244.5	75.8	338	2	Q7Z3W6_HUMAN	Q7z3w6 homo sapien
20	1244.5	75.8	338	2	Q5R7T4_PONPY	Q5r7t4 pongo pygma
21	1244.5	75.8	345	1	OPCM_HUMAN	Q14982 homo sapien
22	1244.5	75.8	345	1	OPCM_PANTR	Q5is61 pan troglod
23	1243.5	75.7	345	1	OPCM_BOVIN	P11834 bos taurus
24	1235.5	75.2	345	1	OPCM_RAT	P32736 rattus norv
25	1230.5	74.9	319	2	Q5ISM6_MACFA	Q5ism6 macaca fasc
26	981	59.7	231	2	Q3USC2_MOUSE	Q3usc2 m 10 days n
27	970	59.1	342	2	Q642G9_BRARE	Q642g9 brachydanio
28	913	55.6	334	2	O02870_CHICK	O02870 gallus gall
29	913	55.6	338	1	LSAMP_CHICK	Q98919 gallus gall
30	906	55.2	338	1	LSAMP_HUMAN	Q13449 homo sapien
31	905	55.1	350	2	O02869_CHICK	O02869 gallus gall
32	901	54.9	338	1	LSAMP_RAT	Q62813 rattus norv
33	901	54.9	338	2	Q3TYE5_MOUSE	Q3tye5 mus musculu
34	887.5	54.0	361	2	Q5M960_RAT	Q5m960 rattus norv
35	878.5	53.5	337	2	Q6GLZ7_XENLA	Q6glz7 xenopus lae
36	868.5	52.9	341	1	LSAMP_MOUSE	Q8blk3 mus musculu
37	856	52.1	341	2	Q503N3_BRARE	Q503n3 brachydanio
38	833	50.7	352	1	NEGR1_CHICK	Q9w6v2 gallus gall
39	824	50.2	375	2	Q2WF53_BRARE	Q2wf53 brachydanio
40	815	49.6	354	1	NEGR1_PONPY	Q5r412 pongo pygma

41	814	49.6	354	1	NEGR1_HUMAN	Q7z3b1	homo sapien
42	812	49.5	348	1	NEGR1_RAT	Q9z0j8	rattus norv
43	811	49.4	348	1	NEGR1_MOUSE	Q80z24	mus musculu
44	761	46.3	287	2	Q4SL89_TETNG	Q4sl89	tetraodon n
45	757	46.1	325	2	Q8HW98_MOUSE	Q8hw98	mus musculu
46	724.5	44.1	312	2	Q4SUX1_TETNG	Q4sux1	tetraodon n
47	663	40.4	188	2	Q8BMT5_MOUSE	Q8bmt5	mus musculu
48	642	39.1	343	2	Q4SDU6_TETNG	Q4sdu6	tetraodon n
49	545.5	33.2	226	2	Q8N440_HUMAN	Q8n440	homo sapien
50	518.5	31.6	227	2	Q568D3_BRARE	Q568d3	brachydanio